

SRP-V110

SERVICE MANUAL

J Mode
AEP Mode
E Mode
US Mode

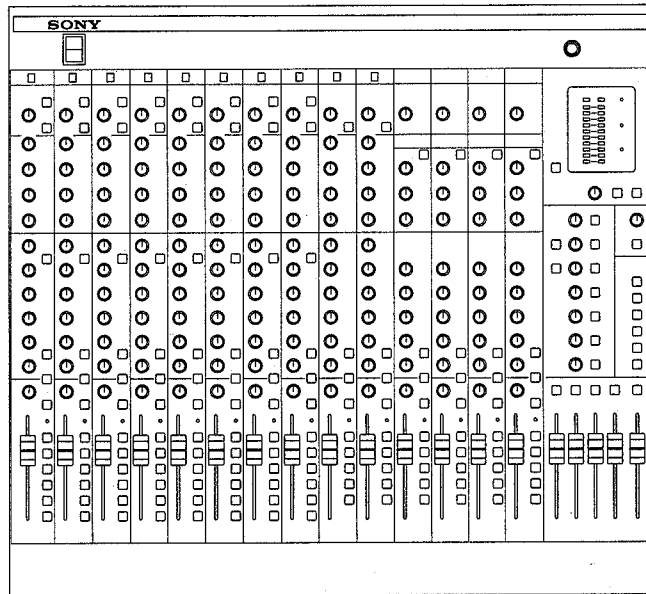


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AUDIO MIXER

SONY®

SPECIFICATIONS

名称		端子形状	回路	基準レベル	最大レベル	インピーダンス	適合負荷インピーダンス
MONO INPUT	MIC	XLR-3-31相当	平衡	-60~-10dBu	-37~+13dBu	2.2k Ω	—
	LINE	3極 ϕ 6.3標準ジャック		-40~+10dBu	-17~+27dBu	22k Ω	—
	TAPE INPUT	ピンジャック	不平衡	-10dBu	+13dBu	10k Ω	—
	INSERT INPUT	3極 ϕ 6.3標準ジャック	不平衡	-3dBu	+20dBu	30k Ω 以上	—
	INSERT OUTPUT			-3dBu	+20dBu	47 Ω	600 Ω 以上
STEREO INPUT	1-4	3極 ϕ 6.3標準ジャック	平衡	-10/+4dBu	+13/+27dBu	3.3k Ω 以上	—
	5,7	ピンジャック	不平衡	-10dBu	+27dBu	10k Ω 以上	—
	6,8	ϕ 6.3標準ジャック	不平衡	-10dBu	+27dBu	10k Ω 以上	—
AUX OUTPUT		ϕ 6.3標準ジャック	不平衡	+4dBu	+20dBu	100 Ω	600 Ω 以上
GROUP/DIRECT	OUTPUT	ピンジャック	不平衡	-10dBu	+10dBu	320 Ω	10k Ω 以上
2TR	INPUT	ピンジャック	不平衡	-10dBu	+27dBu	10k Ω 以上	—
	OUTPUT	ピンジャック	不平衡	-10dBu	+10dBu	320 Ω	10k Ω 以上
STEREO OUTPUT		XLR-3-32相当	平衡	+4dBu	+24dBu	47 Ω	600 Ω 以上
	INSERT INPUT	3極 ϕ 6.3標準ジャック	不平衡	-6dBu	+20dBu	30k Ω 以上	—
	INSERT OUTPUT			-6dBu	+20dBu	47 Ω	600 Ω 以上
MONITOR OUTPUT		ϕ 6.3標準ジャック	不平衡	+4dBu	+20dBu	100 Ω	600 Ω 以上
	PHONES	3極 ϕ 6.3標準ジャック	不平衡	—	40mW+40mW	—	8 Ω 以上

オーディオ特性

周波数特性	+0.5/-1dB(20Hz~50KHz) +0.5/-0.5dB(20Hz~20KHz)
全高調波ひずみ率	0.005%以下 (MIC INPUT: 60dBu, L-R OUTPUT: +14dBu出力、1KHz)
入力換算雑音レベル	-129dBu以下(MIC INPUT: -60dBu)
残留雑音レベル	-95dBu以下(20Hz~20KHz, L-R OUTPUT FADER: - ∞) -82dBu以下(20Hz~20KHz, L-R OUTPUT FADER: 0.14ch ミックス時) -106dBu以下(20Hz~20KHz, GROUP OUTPUT FADER: - ∞) -95dBu以下(20Hz~20KHz, GROUP OUTPUT FADER: 0.14ch ミックス時)
クロストーク	-90dB以下(フェーダーダウン、1KHz) -98dB以下(ONボタン: OFF、1KHz)

(0dBu=0.775V)

一般仕様

電源電圧	AC100V、50Hz/60Hz
消費電力	43W
動作温度	0°C~40°C
保存温度	-20°C~60°C
質量	約8.7Kg
外形寸法	430x120x396mm (幅/高さ/奥行き、突起部含まず)
付属品	取扱説明書(1)、保証書(1)、ソニー サービス窓口、ご相談窓口のご案内(1)
アクセサリ	MU-110BK ラックマウントアダプター、 MU-110G フロントガード

仕様および外観は、改良のため予告なく変更することがありますが、ご了承ください。

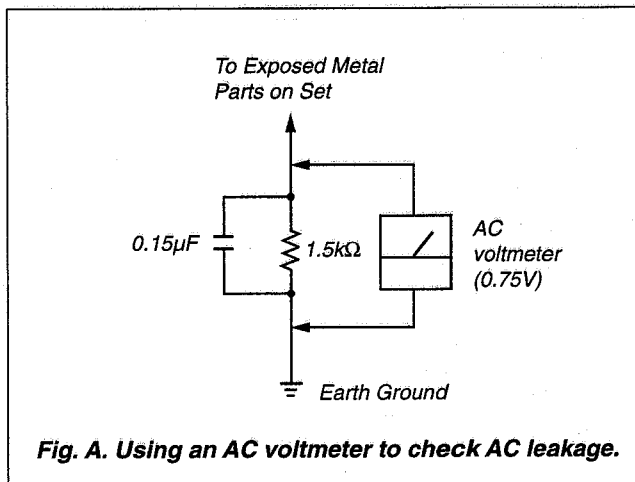
SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth Ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



Name		Connector type	Circuit	Reference level	Maximum level	Impedance	Suitable load impedance
MONO INPUT	MIC	XLR-3-31 type	Balanced	−60 - −10 dBu	−37 - +13 dBu	2.2 kΩ	—
	LINE	ø 6.3 Phone jack		−40 - +10 dBu	−17 - +27 dBu	22 kΩ	—
	TAPE INPUT	Phono jack	Unbalanced	−10 dBu	+13 dBu	10 kΩ	—
	INSERT INPUT	ø 6.3 Phone jack	Unbalanced	−3 dBu	+20 dBu	30 kΩ	—
	INSERT OUTPUT			−3 dBu	+20 dBu	47 Ω	600 Ω or more
STEREO INPUT	1-4	ø 6.3 Phone jack	Balanced	−10/+4 dBu	+13/+27 dBu	3.3 kΩ or more	—
	5,7	Phono jack	Unbalanced	−10 dBu	+27 dBu	10 kΩ or more	—
	6,8	ø 6.3 Phone jack	Unbalanced	−10 dBu	+27 dBu	10 kΩ or more	—
AUX OUTPUT		ø 6.3 Phone jack	Unbalanced	+4 dBu	+20 dBu	100 Ω	600 Ω or more
GROUP/DIRECT OUTPUT		Phono jack	Unbalanced	−10 dBu	+10 dBu	320 Ω	10 kΩ or more
2TR	INPUT	Phono jack	Unbalanced	−10 dBu	+27 dBu	10 kΩ or more	—
	OUTPUT	Phono jack	Unbalanced	−10 dBu	+10 dBu	320 Ω	10 kΩ or more
STEREO OUTPUT		XLR-3-32 type	Balanced	+4 dBu	+24 dBu	47 Ω	600 Ω or more
	INSERT INPUT	ø 6.3 Phone jack	Unbalanced	−6 dBu	+20 dBu	30 kΩ or more	—
	INSERT OUTPUT			−6 dBu	+20 dBu	47 Ω	600 Ω or more
MONITOR OUTPUT		ø 6.3 Phone jack	Unbalanced	+4 dBu	+20 dBu	100 Ω	600 Ω or more
	PHONES	ø 6.3 Phone jack	Unbalanced	—	40 mW + 40 mW	—	8 Ω or more

Audio section

Frequency response +0.5/−1.0 dB (20 Hz – 50 kHz)
+0.5/−0.5 dB (20 Hz – 20 kHz)

Total harmonic distortion
Less than 0.005%
(MIC INPUT: −60 dBu, L-R OUTPUT:
+14 dBu, 1 kHz)

E.I.N
Less than −129 dBu
(MIC INPUT: −60 dBu)

Residual noise level
Less than −95 dBu (20 Hz - 20 kHz,
L-R OUTPUT FADER: −∞)
Less than −82 dBu (20 Hz - 20 kHz,
L-R OUTPUT FADER: 0, 14 ch routed)
Less than −106 dBu (20 Hz - 20 kHz,
GROUP OUTPUT FADER: −∞)
Less than −95 dBu (20 Hz - 20 kHz,
GROUP OUTPUT FADER: 0, 14 ch
routed)

Crosstalk
Less than −90 dB (Fader down, 1 kHz)
Less than −98 dB (ON button: OFF,
1 kHz)

(0 dBu=0.775 V)

General section

Power supply voltage
Refer to the supplied "WARNING".

Power consumption 50 W

Operating temperature
0°C – 40°C

Storage temperature
−20°C – 60°C

Mass
Approx. 8.7 kg

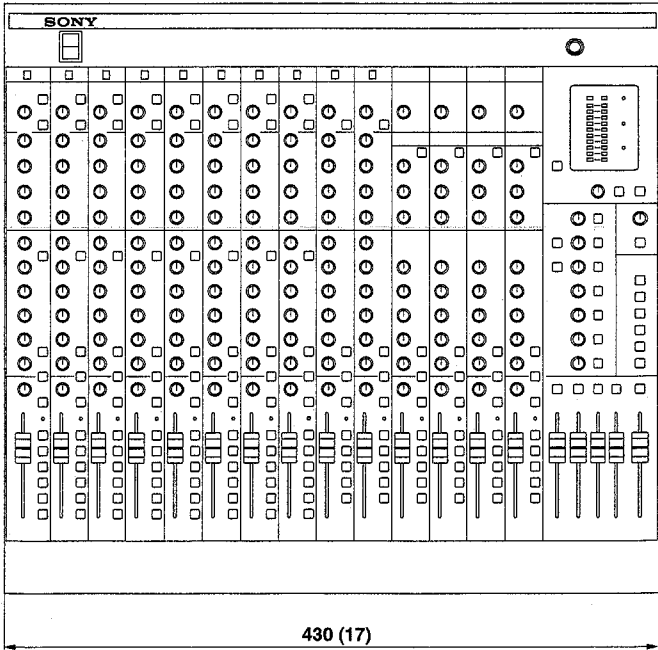
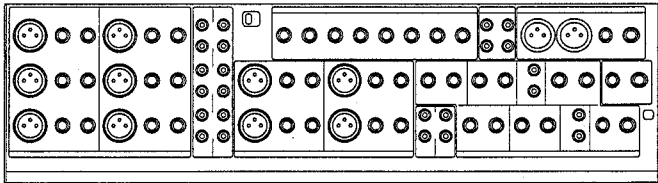
External dimensions 430 × 120 × 396 mm
(17 × 4 3/4 × 15 5/8 inches)
(width/height/depth, excluding
protruding parts)

Supplied Accessories
Operating instructions (1),
WARNING (1)

Specifications and external appearance are subject to change
for improvement without prior notice.

サービス、点検時には次のことにご注意下さい。

1. 注意事項をお守り下さい。
サービスのとき特に注意を要する箇所については、キャビネット、シャーシ、部品などにラベルや捺印で注意事項を表示しています。これらの注意書きおよび取扱説明書等の注意事項を必ずお守り下さい。
2. 指定部品のご使用を
セットの部品は難燃性や耐電圧など安全上の特性を持ったものとなっています。従って交換部品は、使用されていたものと同じ特性の部品を使用して下さい。特に回路図、部品表に△印で指定されている安全上重要な部品は必ず指定のものをご使用下さい。
3. 部品の取付けや配線の引きまわしはもとどおりに
安全上、チューブやテープなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランプによって発熱部品や高圧部品に接近しないよう配慮されていますので、これらは必ずもとどおりにして下さい。
4. サービス後は安全点検を
サービスのために取外したネジ、部品、配線がもとどおりになっているか、またサービスした箇所の周辺を劣化させてしまったところがないかなどを点検し、安全性が確保されていることを確認して下さい。
5. チップ部品交換時の注意
・取り外した部品は再使用しないで下さい。
・タンタルコンデンサのマイナス側は熱に弱いため交換時は注意して下さい。
6. フレキシブルプリント基板の取扱について
・コテ先温度を270℃前後にして行なって下さい。
・同一パターンに何度もコテ先を当てないで下さい。
(3回以内)
・パターンに力が加わらないよう注意して下さい。



Notes on chip component replacement

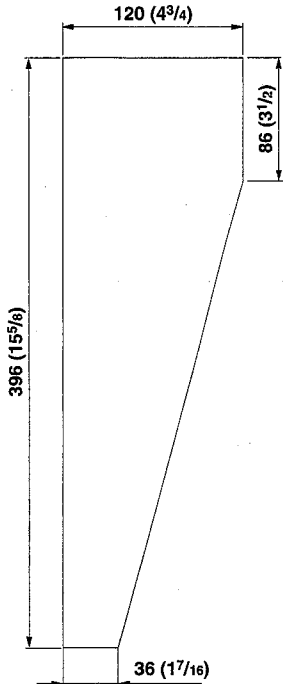
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

SAFETY-RELATED COMPONENT WARNING!!

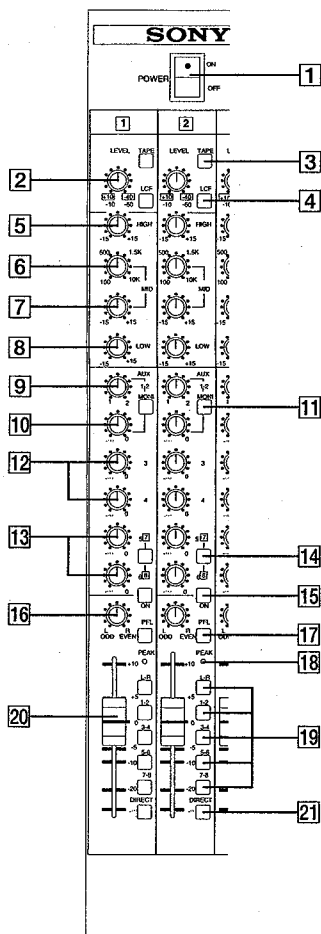
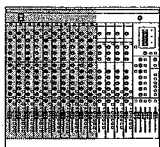
COMPONENTS IDENTIFIED BY MARK △ OR DOTTED LINE WITH MARK △ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.



Unit : mm (inch)

各部の名称と働き

MONO INPUTセクション



- POWER(電源)スイッチ**
スイッチをON側に倒すと電源が入ります。
- LEVELつまみ**
MIC端子またはLINE端子からの入力信号を適正レベルに調整します。MIC端子に接続した場合は-10~-60dBuの範囲で、また、LINE端子に接続した場合は+10~-40dBuの範囲で入力信号レベルを調整できます。入力信号を適正レベルに調整するには、メーターをVU動作に設定し、調整を行うチャンネルのPFLボタンを押し、信号レベルをメーターに表示します。この状態でLEVELつまみを回しメーターのOVU表示が時々点灯するように合わせます。
- TAPEボタン**
信号入力をMIC/LINE端子からTAPE IN端子に切り換えます。この機能によりTAPE IN端子に接続したマルチトラックレコーダー等の音声を接続変更することなく各チャンネルに入力することができます。(1~8チャンネルのみ)
- LCF(ローカットフィルター)ボタン**
ONの時、チャンネル信号の80Hz以下の周波数を12dB/oct(1オクターブあたり12dB)で減衰させます。この機能はマイクを接続している時に発生する「タッチノイズ」や息による「吹かれノイズ」等を除去するのに大変効果的です。
- HIGH(高域イコライザー)レベルつまみ**
高域イコライザーのレベルを-15~+15dBの範囲で可変します。イコライザーは12KHzのシェルビングタイプです。
- MID(中域イコライザー)周波数つまみ**
中域イコライザーの中心周波数を100Hz~10KHzで可変します。
- MID(中域イコライザー)レベルつまみ**
中域イコライザーのレベルを-15dB~+15dBの範囲で可変します。イコライザーはピーキングタイプです。
- LOW(低域イコライザー)レベルつまみ**
低域イコライザーのレベルを-15~+15dBの範囲で可変します。イコライザーは40Hzのピーキングタイプです。

- AUX1-2PANつまみ**
「1」方向に回すとAUX1バスに音像が移動し、「2」方向に回すとAUX2バスに音像が移動します。どちらかの方向に回しきった時、その出力レベルは+3dB上昇します。
- AUX1-2レベルつまみ**
AUX1、2バスへ出力するレベルを調整します。このAUXはプリフェーダー(チャンネルフェーダーの前より信号を分岐)です。チャンネルフェーダーの位置に依存しないため、ステレオモニターや別バランスのミックスを作成するのに使用します。
- MONIボタン**
AUX1-2の機能を変更します。OFFの時、AUX1-2PANつまみ、AUX1-2レベルつまみは通常のAUXとして動作します。ONの時、TAPE IN端子(TAPEボタンがONの時は、MIC/LINE端子)からの入力信号がAUX1-2バスに出力されます。この機能によりTAPE端子に接続したマルチトラックレコーダー等の音声をAUX1、2出力でモニターできます。(MONO INPUT1~8のみ)
- AUX3、4レベルつまみ**
AUX3、4バスへ出力するレベルを調整します。このAUXはプリフェーダー、ポストフェーダー(チャンネルフェーダー通過後の信号を分岐)をPREスイッチで切り替えられます。(MASTERセクション「2」PREボタン参照)
- AUX5/7、6/8レベルつまみ**
AUX5/7、6/8バスへ出力するレベルを調整します。このAUXはポストフェーダーです。したがってチャンネルフェーダーの位置に依存しAUXレベルが変化します。外部に接続するエフェクター等に信号を送る場合に使用します。
- AUX7、8ボタン**
OFFの時は、AUX5、6バスに、ONの時は、AUX7、8バスに信号を出力します。
- ONボタン**
ONの時、チャンネルの信号を各出力に送出します。ただし、このスイッチがOFFの場合でもPFLボタンは動作します。

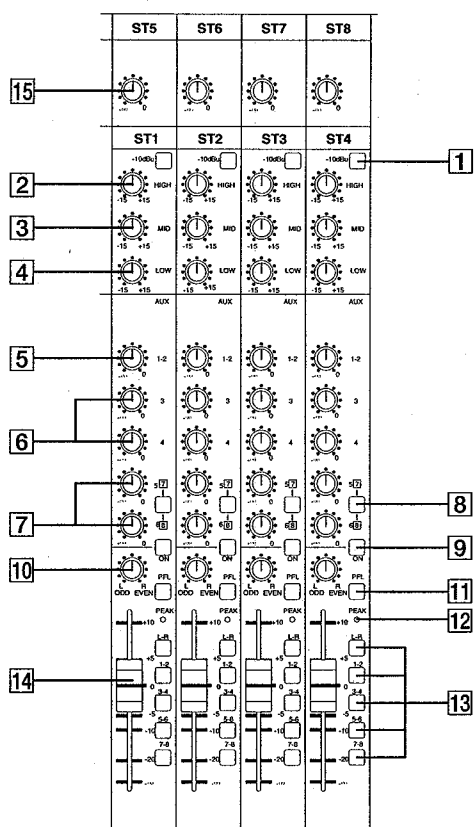
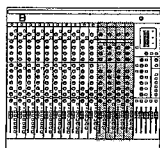
- PANつまみ**
「L ODD」方向に回すとMASTER L、GROUP1、3、5、7(奇数チャンネル)バスに音像が移動し、「R EVEN」方向に回すとMASTER R、GROUP2、4、6、8(偶数チャンネル)バスに音像が移動します。どちらかの方向に回しきった時、その出力レベルは+3dB上昇します。
- PFLボタン**
ONの時、チャンネルフェーダー通過前の信号をPHONES端子やMONITOR OUTPUT端子に出力し、レベルをメーターに表示します。また、複数チャンネルのPFLボタンを同時に押した場合は、ミキシングされて出力されます。この場合、AFLボタンがONになっているチャンネルの信号は出力されません。
- PEAKインジケーター**
イコライザー通過後の信号レベルが、最大レベルに対して-3dB以上の場合に点灯します。このLEDが点灯した場合、信号がオーバーレベルなのでLEVELつまみで調整を行ってください。またMIC端子を使用している場合はLINE端子に変更して下さい。
- アサインボタン**
L-Rボタンを押すとMASTER L-Rバスに、1-2、3-4、5-6、7-8ボタンを押すと各々のGROUPバスに信号が送出されます。
- チャンネルフェーダー**
チャンネルの信号レベルを設定します。
- DIRECTボタン**
OFFの時、GROUPバスの信号が、ONの時、MONO INPUTチャンネル1~8のポストフェーダー信号がGRP/DIRECT OUT1~8端子に出力されます。

* OdBu=0.775V

SECTION 1
GENERAL
取扱説明書を抜粋し、そのま
ま記載しています。

各部の名称と働き

STEREO INPUTセクション



ST1~ST4チャンネル

- 10dBuボタン**
OFFの時、基準入力レベルが+4dBu、ONの時は-10dBuになります。
- HIGH(高域イコライザー)レベルつまみ**
高域イコライザーのレベルを-15~+15dBの範囲で可変します。イコライザーは12KHzのシェルビングタイプです。
- MID(中域イコライザー)レベルつまみ**
中域イコライザーのレベルを-15~+15dBの範囲で可変します。イコライザーは2.5KHzのピーキングタイプです。
- LOW(低域イコライザー)レベルつまみ**
低域イコライザーのレベルを-15~+15dBの範囲で可変します。イコライザーは40Hzのピーキングタイプです。
- AUX1-2レベルつまみ**
AUX1、2バスへ出力するレベルを調整します。AUX1バスにはLに入力された信号が、AUX2バスにはRに入力された信号が出力されます。このAUXはプリフェーダー(チャンネルフェーダーの前より信号を分岐)です。したがってチャンネルフェーダーの位置に依存しないためステレオモニターや別バランスのミックスを作成するのに使用します。
- AUX3、4レベルつまみ**
AUX3、4バスへ出力するレベルを調整します。この時、L、Rの信号はミックスされます。このAUXはプリフェーダー、ポストフェーダー(チャンネルフェーダーの後から信号を分岐)をPREボタンで切り替えられます。(MASTERセクション「2」PREボタン参照)
- AUX5/7、6/8レベルつまみ**
AUX5/7、6/8バスへ出力するレベルを調整します。この時、L、Rの信号はミックスされます。また、このAUXはポストフェーダーです。したがってチャンネルフェーダーの位置に依存しAUXレベルが変化します。外部に接続するエフェクター等に信号を送る場合に使用します。

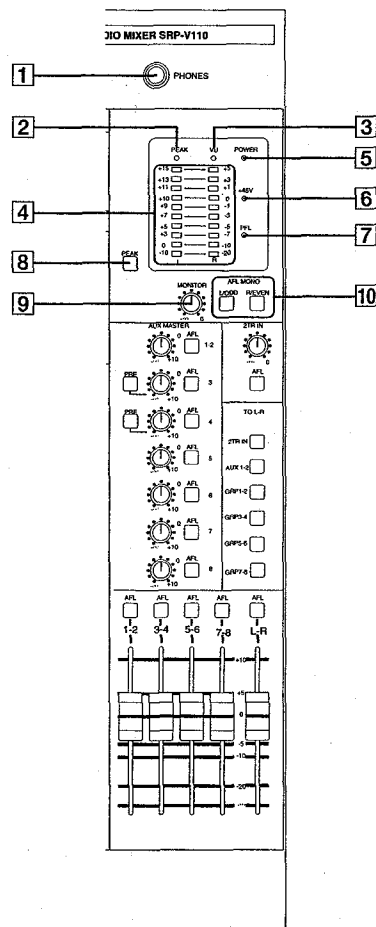
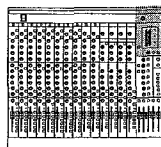
- AUX7、8ボタン**
OFFの時は、AUX5、6バスに、ONの時は、AUX7、8バスに信号を出力します。
- ONボタン**
ONの時、チャンネルの信号を各出力に送出します。ただし、このボタンがOFFの場合でもPFLボタンは動作します。
- バランスつまみ**
「L ODD」方向に回すとMASTER L、GROUP1、3、5、7(奇数チャンネル)バスに音像が移動し、「R EVEN」方向に回すとMASTER R、GROUP2、4、6、8(偶数チャンネル)バスに音像が移動します。どちらかの方向に回しきった時、その出力レベルは+3dB上昇します。
- PFLボタン**
ONの時、チャンネルフェーダー前の信号をPHONES端子やMONITOR OUTPUT端子にステレオで出力し、レベルをメーターに表示します。また複数チャンネルのPFLボタンを同時に押した場合は、ミキシングされて出力されます。この場合、AFLボタンがONになっているチャンネルの信号は出力されません。
- PEAKインジケーター**
イコライザー通過後の信号レベルが、最大レベルに対して-3dB以上の場合に点灯します。このLEDが点灯した場合、信号がオーバーレベルなのでLEVELつまみで調整を行ってください。
- アサインボタン**
L-Rボタンを押すとMASTER L-Rバスに、1-2、3-4、5-6、7-8ボタンを押すと各々のGROUPバスに信号が送出されます。
- チャンネルフェーダー**
チャンネルのレベルを設定します。

ST5~ST8チャンネル

- ST5~ST8チャンネルは、補助ステレオ入力チャンネルになります。このチャンネルの信号はMASTER L-Rバスへのみ送出されます。
- チャンネルボリュームつまみ**
MASTER L-Rバスへ出力するレベルを調整します。

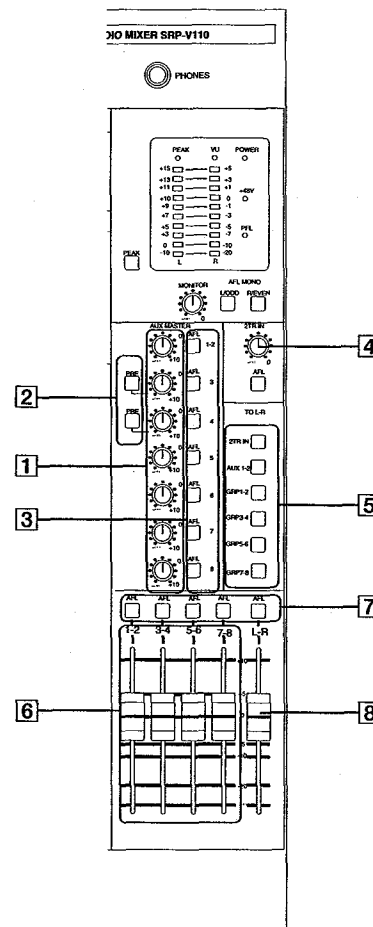
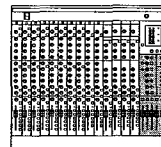
各部の名称と働き

MONITORセクション



- ① PHONES(ヘッドホン)端子
3極標準ジャック
(チップ：L、リング：R、スリーブ：GND)
ヘッドホンを接続する端子です。
MONITOR OUTPUT端子と同じ信号が出力され、PFLボタンやAFLボタンがONになっているチャンネルの信号を確認できます。
- ② PEAKメーターインジケータ
レベルメーターがピーク動作しているとき点灯します。
- ③ VUメーターインジケータ
レベルメーターがVU動作しているとき点灯します。
- ④ レベルメーター
PFLボタン、AFLボタンがONになっているチャンネルのレベルを表示します。本機のレベルメーターはピーク動作とVU動作の切り替えが可能です。目盛指示表示はピークまたは、VUのインジケータで点灯している方を使用します。ピーク動作時、VU動作時ともに「0」位置が基準レベルとなります。
- ⑤ POWERインジケータ
本機の電源が入っているとき点灯します。
- ⑥ +48Vインジケータ
コンデンサマイクロホン用の電源(DC+48V)が出力されているとき点灯します。
- ⑦ PFLインジケータ
各チャンネルのPFLボタンのいずれかがONになっているとき点灯します。
- ⑧ PEAKボタン
OFFの場合、レベルメーターをVU動作に、ONの場合、ピーク動作に切り替えます。
- ⑨ MONITORつまみ
PHONES端子およびMONITOR OUT端子の出力レベルを調整します。
- ⑩ AFL MONOボタン
PHONES端子、MONITOR端子に出力されているAFL信号をモノラルで出力します。L/ODDボタンをONにすると、Lおよび奇数チャンネル出力の音声のみを出力し、R/EVENボタンをONにするとRおよび偶数チャンネルの音声のみを出力します。

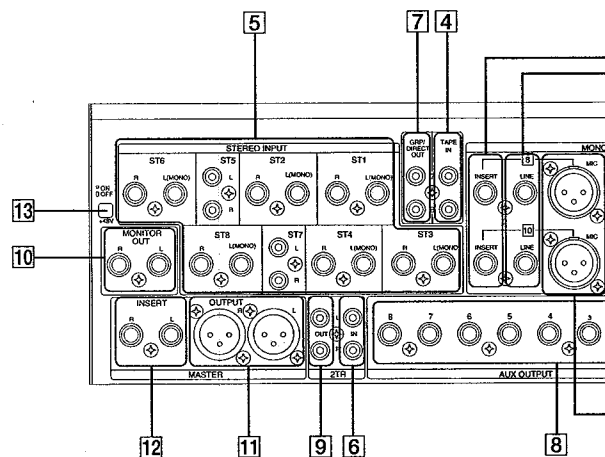
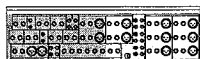
MASTERセクション



- ① AUX MASTERつまみ
AUX OUTPUT端子への出力レベルを調整します。
- ② PREボタン
すべてのチャンネルのAUX3、AUX4をプリフェーダーまたはポストフェーダーに切り替えます。ONでプリフェーダー、OFFでポストフェーダーになります。
- ③ AFLボタン
AUX MASTERボリューム後の信号をPHONES端子やMONITOR OUT端子に出力し、レベルをメーターに表示します。また複数チャンネルのAFLボタンが同時にONになっている場合は、ミキシングされて出力されます。ただし、PFLボタンがONの時は、AFLボタンが押されているチャンネルの信号は出力されず、PFLボタンが押されているチャンネルの信号のみ出力されます。
- ④ 2TR INボリュームつまみ
2TR IN端子から入力される信号のレベルを調整します。
- ⑤ TO L-Rボタン
各信号をMASTER L-Rバスに送ります。
- ⑥ GROUPフェーダー
GROUPバスからGRP/DIRECT OUT端子へ出力される信号およびTO L-RボタンがONになっている場合にはMASTER L-Rバスに送られる信号のレベルを調整します。2CH仕様のため、8CHの独立したレベル調整はできません。
- ⑦ AFLボタン
GROUPフェーダー、L-Rフェーダー通過後の信号をPHONES端子やMONITOR OUT端子に出力し、レベルをメーターに表示します。ただし、PFLボタンがONの時は、AFLボタンが押されているチャンネルの信号は出力されず、PFLボタンが押されているチャンネルの信号のみ出力されます。また、複数チャンネルのAFLボタンが同時にONになっている場合は、ミキシングされて出力されます。
- ⑧ L-Rフェーダー
MASTER L-RバスからMASTER OUTPUT端子へ出力される信号のレベルを調整します。

各部の名称と働き

バックパネルセクション



1 MONO INPUT MIC端子

XLR-3-31相当
(平衡、基準入力レベル: -60~-10dBu)
(1番: グランド、2番: ホット、3番: コールド)
MONO INPUTチャンネルの入力端子です。マイクロホンが接続できます。

2 MONO INPUT LINE端子

3極標準ジャック(平衡、基準レベル: -40~-10dBu)
(チップ: ホット、リング: コールド、スリーブ: グランド)
MONO INPUTチャンネルの入力端子です。ラインレベル出力機器が接続できます。

3 MONO INPUT INSERT端子

3極標準ジャック(不平衡、基準レベル: -3dBu)
(チップ: 出力、リング: 入力、スリーブ: グランド)
MONO INPUTチャンネルのINSERT IN/OUT端子です。内蔵のイコライザー以前に外部機器の挿入ができます。コンプレッサーやゲートなどを接続します。

4 TAPE IN端子

ピンジャック(不平衡、基準レベル: -10dBu)
MONO INPUTチャンネルのTAPE IN端子です。マルチトラックレコーダー等の各トラックの出力を接続しモニターやトラックダウンする場合などに使用します。

5 STEREO INPUT端子

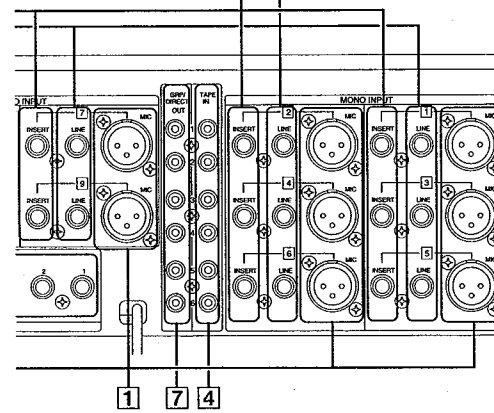
3極標準ジャック(ST1~ST4)
(チップ: ホット、リング: コールド、スリーブ: グランド)
(平衡、基準レベル: +4/-10dBu)
標準ジャック(ST6, ST8)
(不平衡、基準レベル: -10dBu)
ピンジャック(ST5, ST7)
(不平衡、基準レベル: -10dBu)
STEREO INPUTチャンネルの入力端子です。
ST1~ST4は基準レベルが+4dBuまたは-10dBuのラインレベル出力機器。
ST5~ST8は基準レベルが-10dBuのラインレベル出力機器をステレオで接続できます。
ST1~ST4, ST6, ST8は(MONO)端子のみ接続した場合、内部でR側に信号が分配されます。

6 2TR IN端子

ピンジャック(不平衡、基準レベル: -10dBu)
DATレコーダーやMDレコーダー等の信号を入力する端子です。レベルはMASTERセクションの2TR INつまみで調整します。

7 GRP/DIRECT OUT端子

ピンジャック(不平衡、基準レベル: -10dBu)
各GROUP/バスの信号を出力します。また、MONO INPUT1~8チャンネルのDIRECTボタンをONにすると、各MONO INPUTチャンネルのポストフェーダー信号を出力するダイレクト出力端子になります。



8 AUX OUTPUT端子

標準ジャック(不平衡、基準レベル: +4dBu)

9 2TR OUT端子

ピンジャック(不平衡、基準レベル: -10dBu)
MASTER OUTPUT L-Rの信号を分配し出力します。
DATレコーダーやMDレコーダー等を接続します。

10 MONITOR OUT端子

標準ジャック(不平衡、基準レベル: +4dBu)
PHONES端子と同じ信号が出力され、PFLボタンやAFLボタンがONになっているチャンネルの信号を確認できます。

11 MASTER OUTPUT端子

XLR-3-32相当(平衡、基準レベル: +4dBu)
(1番: グランド、2番: ホット、3番: コールド)

12 MASTER INSERT端子

3極標準ジャック(不平衡、基準レベル: -6dBu)
(チップ: 出力、リング: 入力、スリーブ: グランド)
MASTER OUTPUTのINSERT IN/OUT端子です。L-Rフェーダー以前に外部機器を挿入できます。コンプレッサーやゲートなどを接続します。

13 +48Vボタン

MONO INPUT1~8チャンネルのMIC端子にコンデンサマイクロホン用の電源(DC+48V)を供給するボタンです。このボタンをONにするとすべてのMIC端子にDC+48Vが出力されます。

△注意

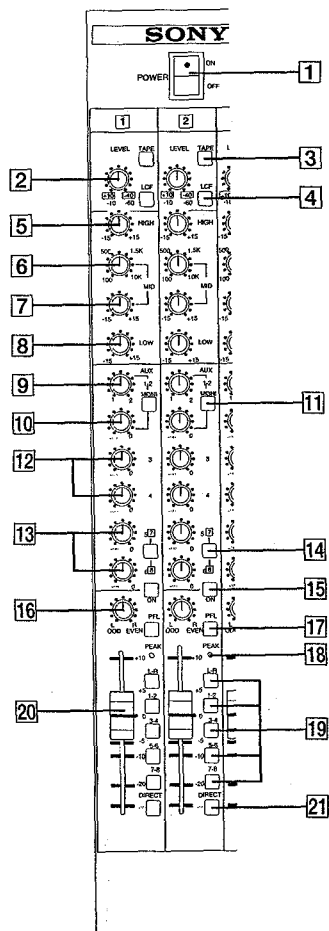
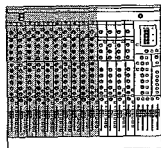
- ケーブルを抜き差しする場合や、+48VボタンをONにする場合は、必ず出力フェーダーや出力ボリュームを絞ってからおこなってください。
- ライン機器は必ずLINE入力に接続してください。
- +48V電源を使用するマイクロホンとダイナミックマイクロホンが混在する場合には、ダイナミックマイクロホンの性能が充分に発揮できない場合があります。

* 0dBu=0.775V

各部の名称と働き

Name and function of each part

MONO INPUT section



1 POWER switch

When the switch is pressed to the ON side, the power is turned on.

2 LEVEL control

This controls the input signals from the MIC or LINE connectors at a suitable level. When connected to the MIC connector, the input signal level can be controlled between -10 - -60 dBu, and when connected to the LINE connector, it can be controlled between +10 - -40 dBu. In order to control the input signal at a suitable level, set the meter to VU operation, press the PFL button of the channel to be controlled to display the signal level on the meter. In this state, turn the LEVEL control to control the signal so that 0VU display on the meter is lit sometimes.

3 TAPE button

This switches the signal input from the MIC/LINE connectors to the TAPE IN connectors. Using this function, sounds, such as those from a multi-track recorder connected to the TAPE IN connectors, can be input to each channel without changing connections. (Channels 1 - 8 only)

4 LCF (Low Cut Filter) button

This suppresses frequencies of 80 Hz or lower from the channel signal at 12 dB/oct (12 decibels per octave) when it is on. This function is very effective for removing "touch noise" that occurs when a microphone is being held, and "blow noise" caused by breathing.

5 HIGH (High equalizer) level control

This varies the high equalizer level between -15 - +15 dB. The equalizer is a 12 kHz shelving type.

6 MID (Mid equalizer) frequency control

This varies the central frequencies of the mid equalizer between 100 Hz - 10 kHz.

7 MID (Mid equalizer) level control

This varies the mid equalizer level between -15 dB - +15 dB. The equalizer is a peaking type.

8 LOW (Low equalizer) level control

This varies the low equalizer level between -15 dB - +15 dB. The equalizer is a 40 Hz peaking type.

9 AUX 1-2 PAN control

When turned towards the "1", sound is shifted to the AUX 1 bus, and when turned in the "2" direction, it is shifted to the AUX 2 bus. When turned to the maximum in either direction, the output level is increased by +3 dB.

10 AUX 1-2 control

This controls the level that is sent to the AUX 1/2 buses. This AUX is a pre-fader (splitting the signal before the channel fader). It is used to create a separate balance mix and stereo monitor, as it does not depend on the position of the channel fader.

11 MONI button

This changes the function of the AUX 1/2. When it is off, the AUX 1-2 PAN control and AUX 1-2 control operate as normal AUX. When it is on, the input signals from the TAPE IN connectors (or MIC/LINE connectors if the TAPE button is turned on) are sent to the AUX 1/2 buses. Sounds, such as those from a multi-track recorder that has been connected to the TAPE connectors, can be monitored through the AUX 1/2 output using this function. (MONO INPUT 1 - 8 only)

12 AUX 3 and 4 controls

These control the levels that are sent to the AUX 3 and 4 buses. These AUX's can switch between the pre-fader and post fader (splitting the signal after it has passed through the channel fader) by using the PRE switch. (Refer to the MASTER section "2" PRE button")

13 AUX 5/7 and 6/8 controls

These control the levels that are output to the AUX 5/7 and 6/8 buses. These AUX's are post faders. As a result, the AUX level changes depending on the position of the channel fader. This is used when sending signals to the effector, etc. to be connected externally.

14 AUX 7/8 button

These send the signals to the AUX 5/6 buses when turned off, and to the AUX 7/8 buses when turned on.

15 ON button

When turned on, the signals from the channels are routed to each output. However, the PFL function is available even if this switch is turned off.

16 PAN control

When turned in the "L ODD" direction, sound is shifted to the MASTER L, GROUP 1, 3, 5 and 7 (odd channel) buses, and when turned in the "R EVEN" direction, sound is shifted to the MASTER R, GROUP 2, 4, 6, and 8 (even channel) buses. When turned to the maximum in either direction, the output level is increased by +3 dB.

17 PFL button

When turned on, the signals before they pass through the channel fader are routed to the PHONES connector and the MONITOR OUTPUT connectors, while displaying the level on the meter. When PFL buttons for a number of channels are pressed simultaneously, a mixed signal is routed. In this case, signals from channels whose AFL button is turned on are not output.

18 PEAK indicator

This is lit up whenever the signal level, after passing through the equalizer, is within 3 dB of the maximum level. When this LED is lit, the signal is excessive, and must be controlled using the LEVEL control. When the MIC connector is used, change it to the LINE connector.

19 Assign buttons

When the L-R button is pressed, the signal is routed to the MASTER L/R bus, and when the 1/2, 3/4, 5/6 or 7/8 buttons are pressed, the signal is routed to each group bus.

20 Channel fader

This sets the signal level for the channels.

21 DIRECT button

When this button is turned off, the signals from the GROUP bus are output; and when it is turned on, the post fader signals from the MONO INPUT channels 1 - 8 are output to the GRP/DIRECT OUT 1 - 8 connectors.

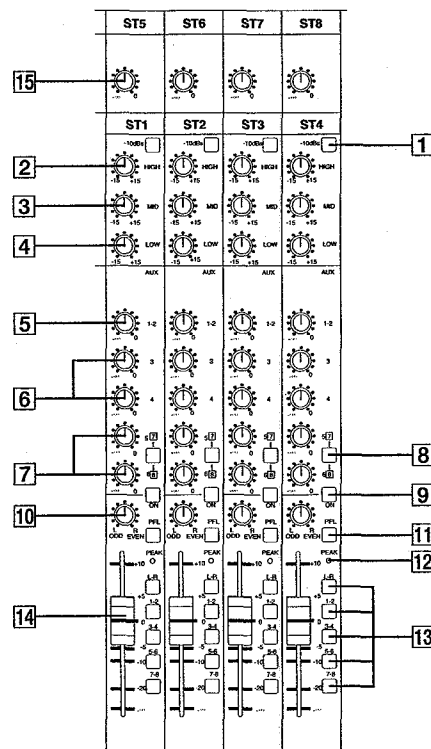
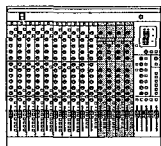
* 0 dBu=0.775 V

Name and function of each part

This section is extracted from instruction manual.

Name and function of each part

STEREO INPUT section



ST1 - ST4 channels

1 -10 dBs button

When this button is turned off, the reference input level is +4 dBu; and when it is turned on, it is -10 dBu.

2 HIGH (High equalizer) level control

This varies the high equalizer level between -15 - +15 dB. The equalizer is a 12 kHz shelving type.

3 MID (Mid equalizer) level control

This varies the mid equalizer level between -15 - +15 dB. The equalizer is a 2.5 kHz peaking type.

4 LOW (Low equalizer) level control

This varies the low equalizer level between -15 - +15 dB. The equalizer is a 40 Hz peaking type.

5 AUX 1-2 control

This controls the level to be sent to AUX 1/2 buses. The signal that has been input to L is routed through the AUX 1 bus, while the signal that has been input to R is routed through the AUX 2 bus. This AUX is a pre-fader (splitting the signal before the channel fader). Thus, this is used to create a separate balance mix and stereo monitor, as it does not depend on the position of the channel fader.

6 AUX 3 and 4 controls

These control the levels to be sent to the AUX 3/4 buses. In this case, the L and R signals are mixed. This AUX can switch between the pre-fader and post fader (which splits the signal after the channel fader) using the PRE button. (Refer to the MASTER section "2 PRE button")

7 AUX 5/7 and 6/8 controls

These control the levels that are sent to the AUX 5/7 and 6/8 buses. In this case, the L and R signals are mixed. These AUX's are post faders. As a result, the AUX level changes depending on the position of the channel fader. This is used when sending signals to the effector, etc. to be connected externally.

8 AUX 7/8 button

These output the signals to the AUX 5/6 buses when turned off, and to the AUX 7/8 buses when turned on.

9 ON button

When turned on, the signals from the channels are routed to each output. However, the PFL function is available even if this switch is turned off.

10 Balance control

When turned in the "L ODD" direction, sound is shifted to the MASTER L, GROUP 1, 3, 5, and 7 (odd channel) buses, and when turned in the "R EVEN" direction, sound is shifted to the MASTER R, GROUP 2, 4, 6, and 8 (even channel) buses. When turned to the maximum in either direction, the output level is increased by +3 dB.

11 PFL button

When turned on, the signals in stereo before they pass through the channel fader are routed to the PHONES connector and the MONITOR OUTPUT connectors, while displaying the level on the meter. When PFL buttons for a number of channels are pressed simultaneously, the mixed signal is routed. In this case, signals from channels whose AFL button is turned on are not output.

12 PEAK indicator

This is lit up whenever the signal level, after passing through the equalizer, is within 3 dB of the maximum level. When this LED is lit, the signal is excessive, and must be controlled using the LEVEL control.

13 Assign buttons

When the L-R button is pressed, the signal is routed to the MASTER L/R buses, and when the 1/2, 3/4, 5/6, or 7/8 buttons are pressed, the signal is routed to each group bus.

14 Channel fader

This sets the signal level for the channels.

ST5 - ST8 channels

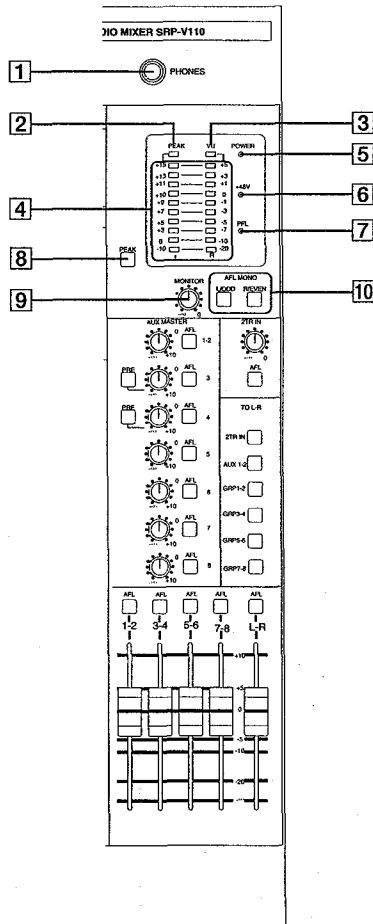
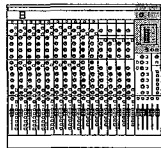
ST5 - ST8 channels are auxiliary stereo input channels. Signals from these channels are only routed to the MASTER L/R buses.

15 Channel volume control

This controls the level that is routed to the MASTER L/R buses.

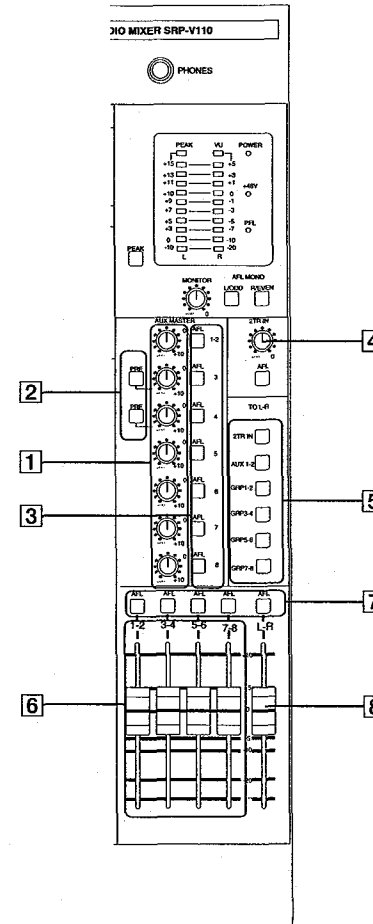
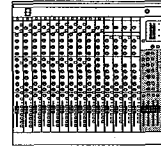
Name and function of each part

MONITOR section



- 1 PHONES (headphones) connector**
Phone jack
(Tip: L, Ring: R, Sleeve: GND)
This is the connector that the headphones are connected to. The same signals are output as those from the MONITOR OUTPUT connectors, and signals from channels whose PFL or AFL buttons are turned on can be confirmed.
- 2 PEAK meter indicator**
This is lit up when the level meter is used as a peak meter.
- 3 VU meter indicator**
This is lit up when the level meter is used as a VU meter.
- 4 LEVEL meter**
This displays the level of whichever channels PFL or AFL buttons are turned on. The level meter in this system can be switched between PEAK operation and VU operation. Whichever of the PEAK or VU meters indicator is lit shows the scale to use. During PEAK or VU operation, the "0" represents the reference level in both the PEAK and VU meters.
- 5 POWER indicator**
This is lit up when the power is turned on.
- 6 +48 V indicator**
This is lit up when the power (DC +48 V) for condenser microphone is output.
- 7 PFL indicator**
This is lit up when the PFL button of any channel is turned on.
- 8 PEAK button**
When off, the level meter operates as the VU meter, and when on it switches to operating as the PEAK meter.
- 9 MONITOR control**
This controls the output levels of the PHONES and MONITOR OUT connectors.
- 10 AFL MONO buttons**
This outputs an AFL mono signal that is routed through the PHONES and MONITOR connectors. When the L/ODD button is turned on, sound is only routed through the L and odd channels, and when the R/EVEN button is turned on, sound is only routed through the R and even channels.

MASTER section

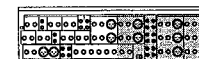
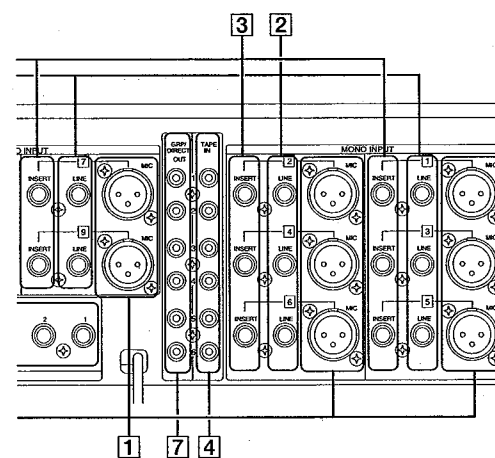
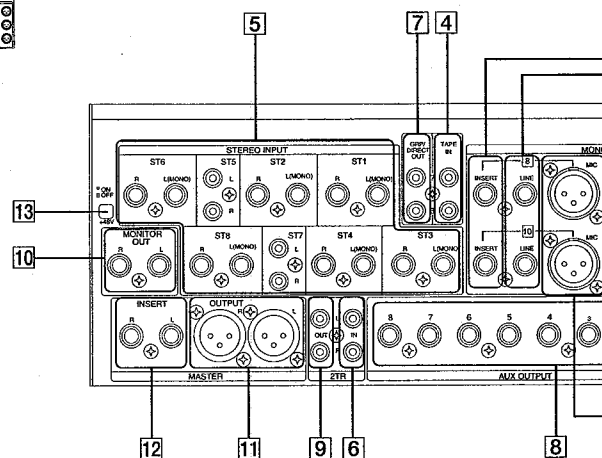
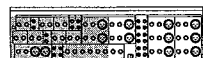


- 1 AUX MASTER controls**
This controls the output level to the AUX OUTPUT connector.
- 2 PRE buttons**
This switches AUX 3 and AUX 4 for all channels between the pre-fader and post fader. It is switched to pre-fader when it is on, and post fader when it is off.
- 3 AFL buttons**
The signals after the AUX MASTER volume are routed to the PHONES or MONITOR OUT connectors, and displays the level on the meter. When the AFL buttons for a number of channels are turned on simultaneously, they are output after being mixed. However, when a PFL button is turned on, signals from channels whose AFL buttons are pressed are not routed, and only signals from channels whose PFL buttons are pressed are routed.
- 4 2TR IN level control**
This controls the level of the signals that are input from the 2TR IN connector.
- 5 TO L-R button**
This sends each signal to the MASTER L/R bus.
- 6 GROUP faders**
This controls the level of the signals to be routed to the MASTER L/R bus when signals are routed from the GROUP bus to the GRP/DIRECT OUT connector and the TO L-R button is turned on. Each GROUP fader controls the signal level of every 2 channels, and each channel is not controlled one by one.
- 7 AFL buttons**
The signals after the GROUP fader or L/R fader are routed to the PHONES and MONITOR OUT connectors, and displays their levels on the meter. However, when a PFL button is turned on, signals from channels whose AFL buttons are pressed are not routed, and only signals from channels whose PFL buttons are pressed are routed. When the AFL buttons for a number of channels are turned on simultaneously, a mixed signal is routed.
- 8 L-R fader**
This controls the level of the signals that are routed from the MASTER L/R bus to the MASTER OUTPUT connectors.

Name and function of each part

Name and function of each part

Back panel section



Name and function of each part

1 MONO INPUT MIC connectors
XLR-3-31 type
(Balanced, reference level: -60 - -10 dBu)
(Pin No.1: ground, No.2: hot, No.3: cold)
These are input connectors for the MONO INPUT channels. Microphones can be connected.

2 MONO INPUT LINE connectors
Phone jacks
(Balanced, reference level: -40 - +10 dBu)
(Tip: hot, Ring: cold, Sleeve: ground)
These are input connectors for the MONO INPUT channels. Line level output equipment can be connected.

3 MONO INPUT INSERT connectors
Phone jacks
(Unbalanced, reference level: -3 dBu)
(Tip: output, Ring: input, Sleeve: ground)
These are INSERT IN/OUT connectors for the MONO INPUT channels. External equipment can be inserted before the installed equalizer. Compressors and gates, etc. are connected.

4 TAPE IN connectors
Phone jacks (Unbalanced, reference level: -10 dBu)
These are TAPE IN connectors for MONO INPUT channels. They connect the output for each track, such as from a multi-track recorder, etc., and are used for monitoring or laying down tracks.

5 STEREO INPUT connectors
Phone jacks (ST1 - ST4)
(Tip: hot, Ring: cold, Sleeve: ground)
(Balanced, reference level: +4/-10 dBu)
Phone jacks (ST6, ST8)
(Unbalanced, reference level: -10 dBu)
Phone jacks (ST5, ST7)
(Unbalanced, reference level: -10 dBu)
These are input connectors for the STEREO INPUT channels. Line level output equipment with a reference level of between +4 dBu and -10 dBu can be connected for ST1 - ST4, and line level output equipment with a reference level of -10 dBu can be connected for ST5 - ST8 in stereo. Signals are internally distributed to the R side when only the L (MONO) connector is connected for ST1 - ST4, ST6 and ST8.

6 2TR IN connectors
Phone jacks (Unbalanced, reference level: -10 dBu)
These are connectors to input signals, such as those from DAT or MD recorders. The level is controlled by the 2TR IN level control on the MASTER section.

7 GRP/DIRECT OUT connectors
Phone jacks (Unbalanced, reference level: -10 dBu)
These output each GROUP bus signal. When the DIRECT button for the MONO INPUT 1 - 8 channels is turned on, they become direct output connectors that output post fader signals from each MONO INPUT channel.

8 AUX OUTPUT connectors
Phone jacks (Unbalanced, reference level: +4 dBu)

9 2TR OUT connectors
Phone jacks (Unbalanced, reference level: -10 dBu)
These distribute and output the MASTER OUTPUT L/R signals. They are connected to DAT or MD recorders, or equivalent.

10 MONITOR OUT connectors
Phone jacks (Unbalanced, reference level: +4 dBu)
These output the same signals as the PHONES connector, and signals from any channels whose PFL or AFL buttons are turned on can be confirmed.

11 MASTER OUTPUT connectors
XLR-3-32 type
(Balanced, reference level: +4 dBu)
(Pin No. 1: ground, No. 2: hot, No. 3: cold)

12 MASTER INSERT connectors
Phone jacks
(Unbalanced, reference level: -6 dBu)
(Tip: output, Ring: input, Sleeve: ground)
These are the INSERT IN/OUT connectors of the MASTER OUTPUT. External equipment can be inserted before the L/R fader. They are connected to the compressor or gate, etc.

13 +48 V button
This is the button to supply power (DC +48 V) for condenser microphones to the MIC connectors of the MONO INPUT channels 1 - 8. When this button is turned on, DC +48 V is output to all MIC connectors.

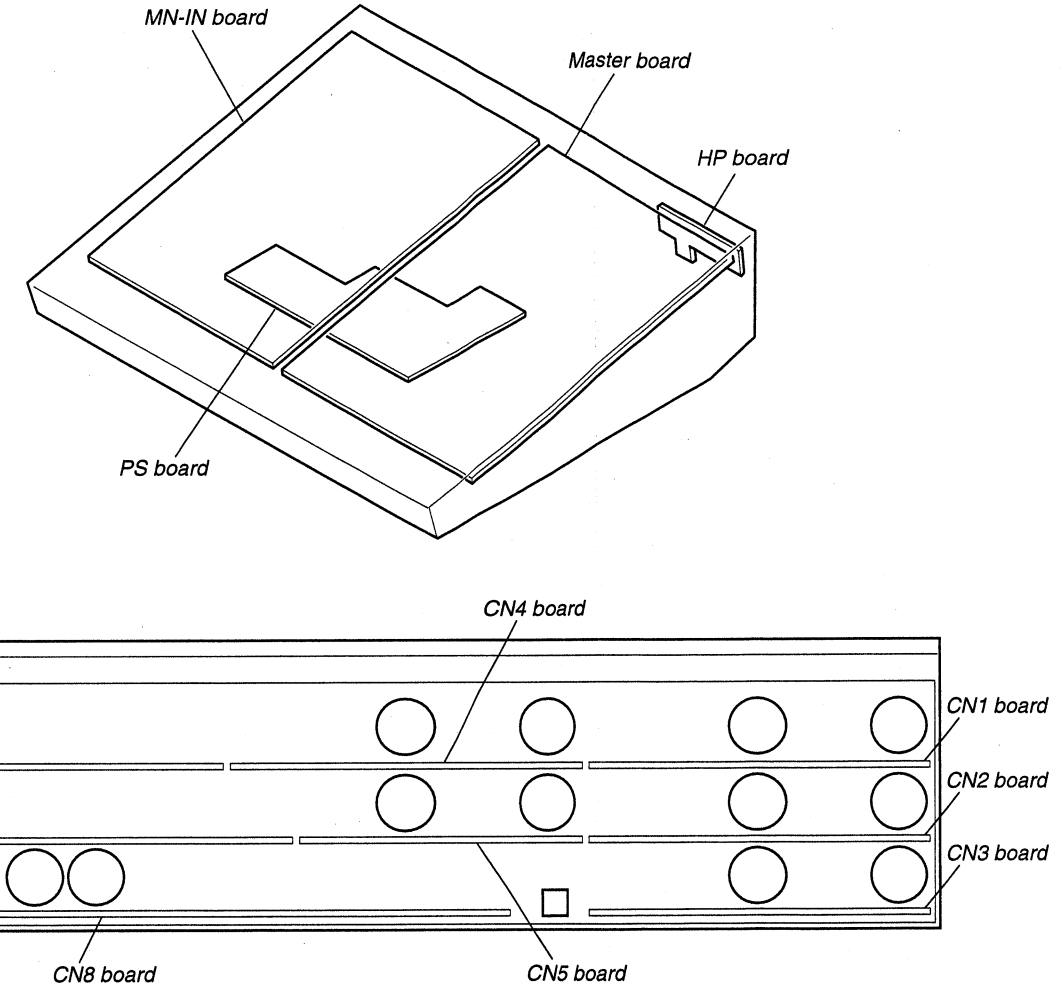
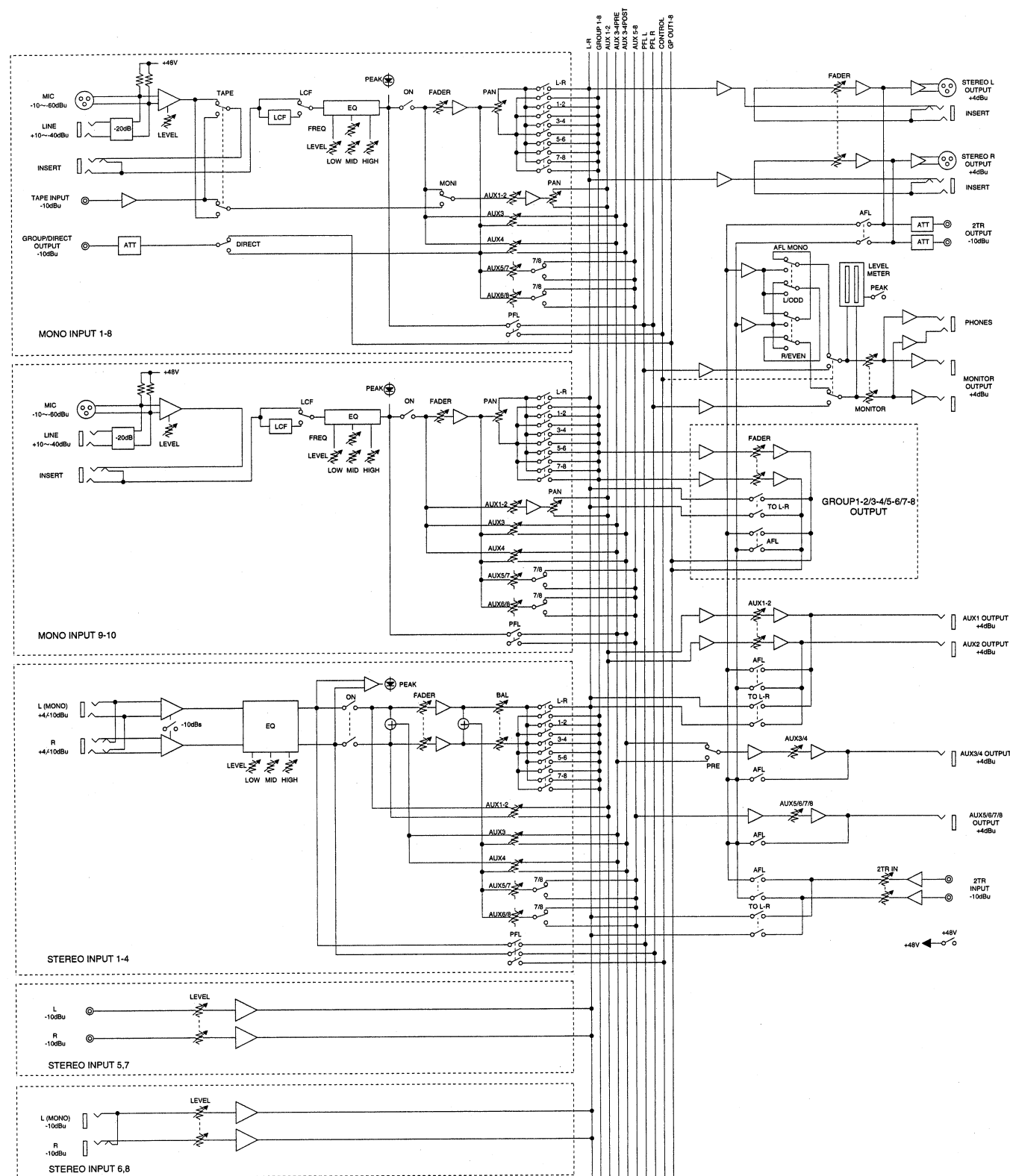
Caution

- Before turning on the +48 V button or after changing the cable connection, turn down the output fader or the output volume.
- The line equipment must be connected to the LINE input side.
- When a dynamic microphone is used in conjunction with a microphone that uses +48 V power, the dynamic microphone may under-perform.

* 0 dBu=0.775 V

SECTION 2 DIAGRAMS

2-1. CIRCUIT BOARDS LOCATION



プリント図，回路図用共通ノート

回路図ノート

- ・ ケミコン，タンタルを除くコンデンサで，耐圧 50V 以下のものは，その耐圧を省略。単位はすべて μF (p は pF)。
- ・ 抵抗で指示のないものは，1 / 4W 以下を示す。単位はすべて Ω 。
- ・ : パネル表示名称。
- ・ B+ : B+ライン。
- ・ B- : B-ライン。

△印の部品，または△印付の点線で囲まれた部品は，安全性を維持するために，重要な部品です。従って交換時は，必ず指定の部品を使用して下さい。

- ・ 電圧は，対アース間を無信号状態で測定。
- ・ 電圧値は，テスタ (入力インピーダンス 10M Ω / V) で測定した参考値。
- ・ 信号の流れについて
⇒ : LINE

プリント図ノート

- ・ は見ている側のパターン (他のパターンについては表示されません)

THIS NOTE IS COMMON FOR WIRING BOARDS AND SCHEMATIC DIAGRAMS

For schematic diagrams

- ・ All capacitors are in μF unless otherwise noted. pF : $\mu\mu F$. 50V or less are not indicated except for electrolytics and tantalums.
- ・ All resistors except chips are in Ω and 1/4W or less unless otherwise specified.
- ・ : panel designation
- ・ B+ : B+ Line
- ・ B- : B- Line

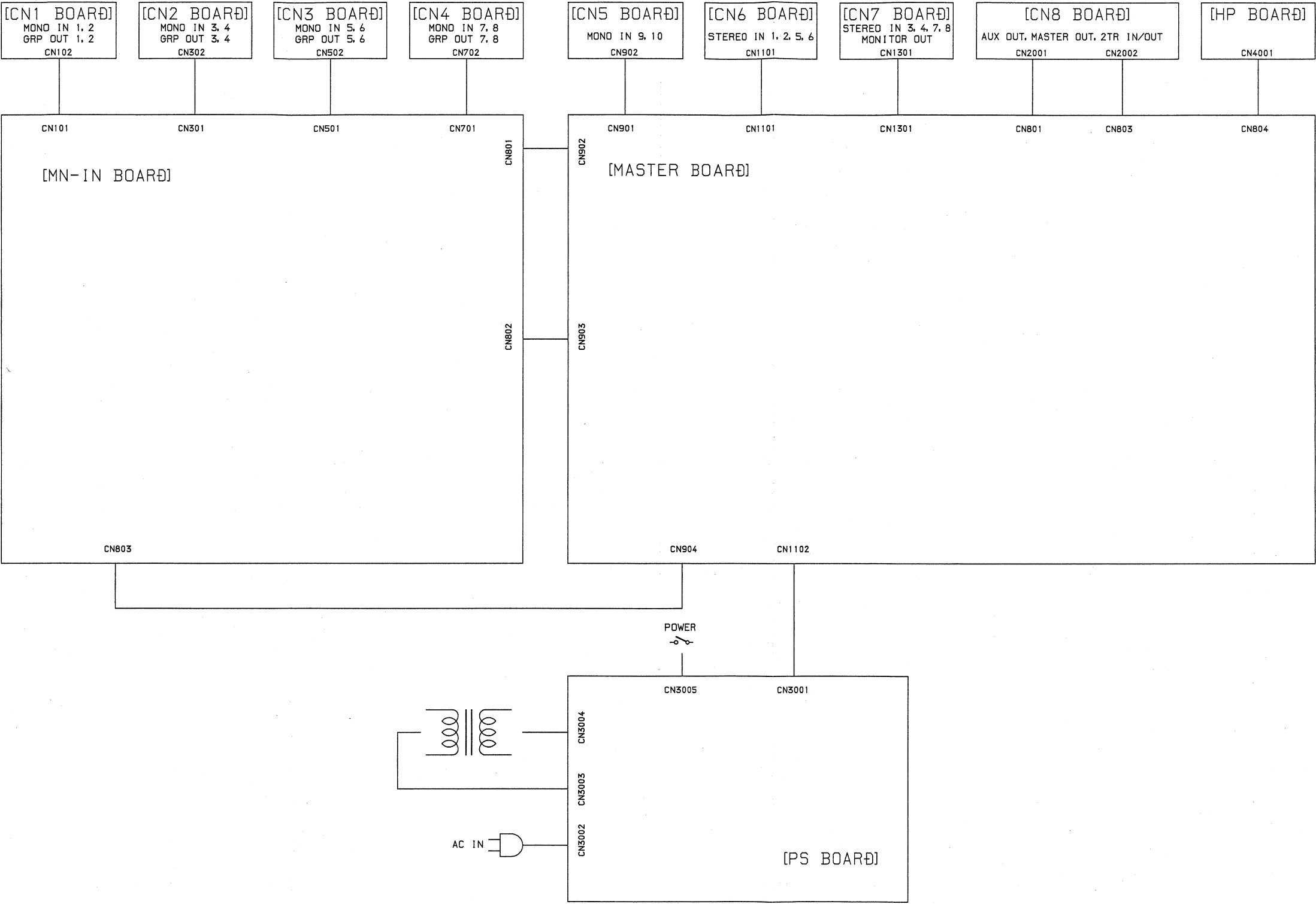
Note : The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

- ・ Voltage is measured with respect to ground under no-signal conditions.
- ・ Voltages are reference values measured by a VOM (10M Ω /V).
- ・ Signal path
⇒ : LINE

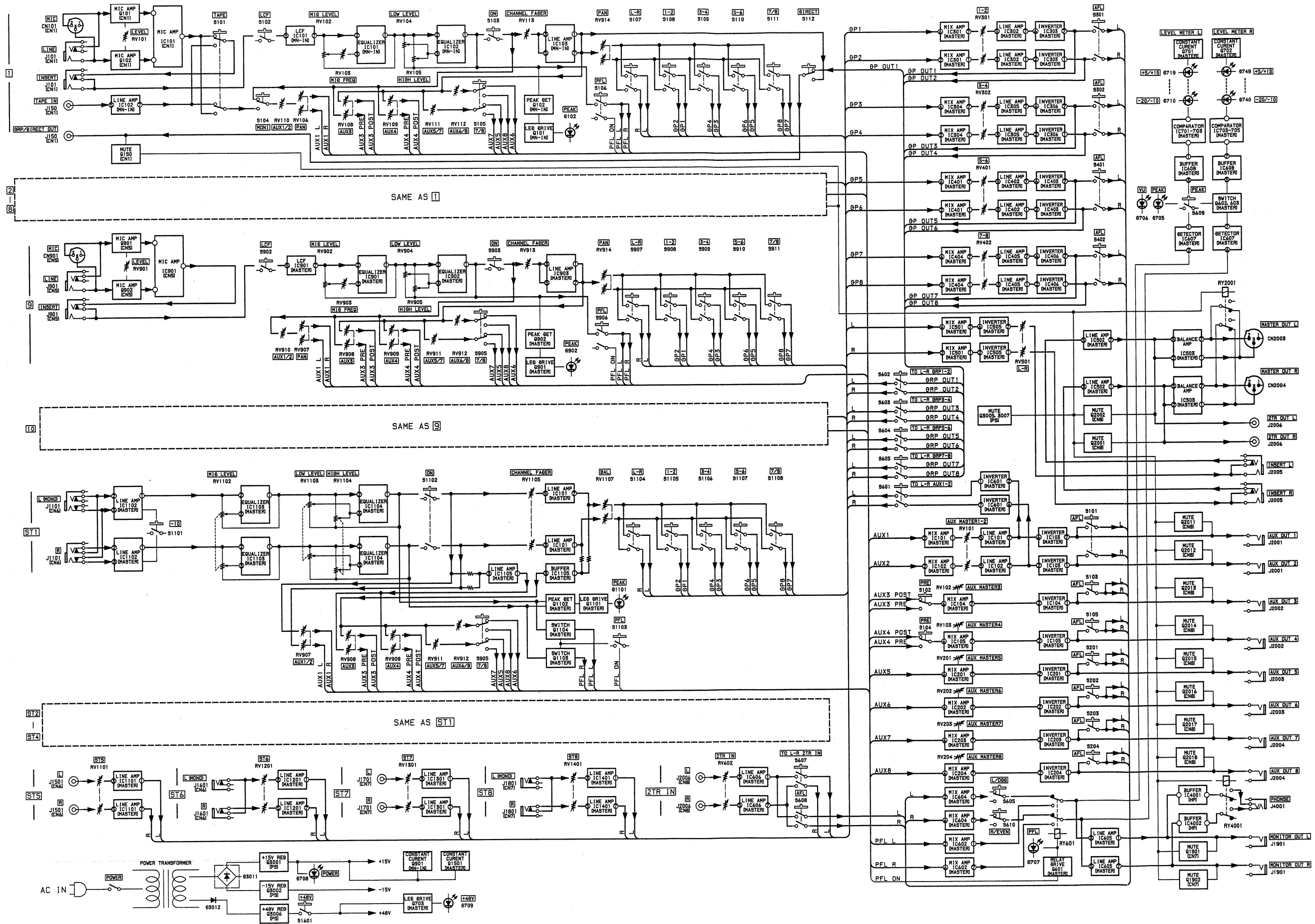
For printed wiring boards

- ・ : Pattern on the side which is seen. (Other patterns are not shown.)

SRP-V110
2-2. FRAME HARNESS



2-3. BLOCK DIAGRAM

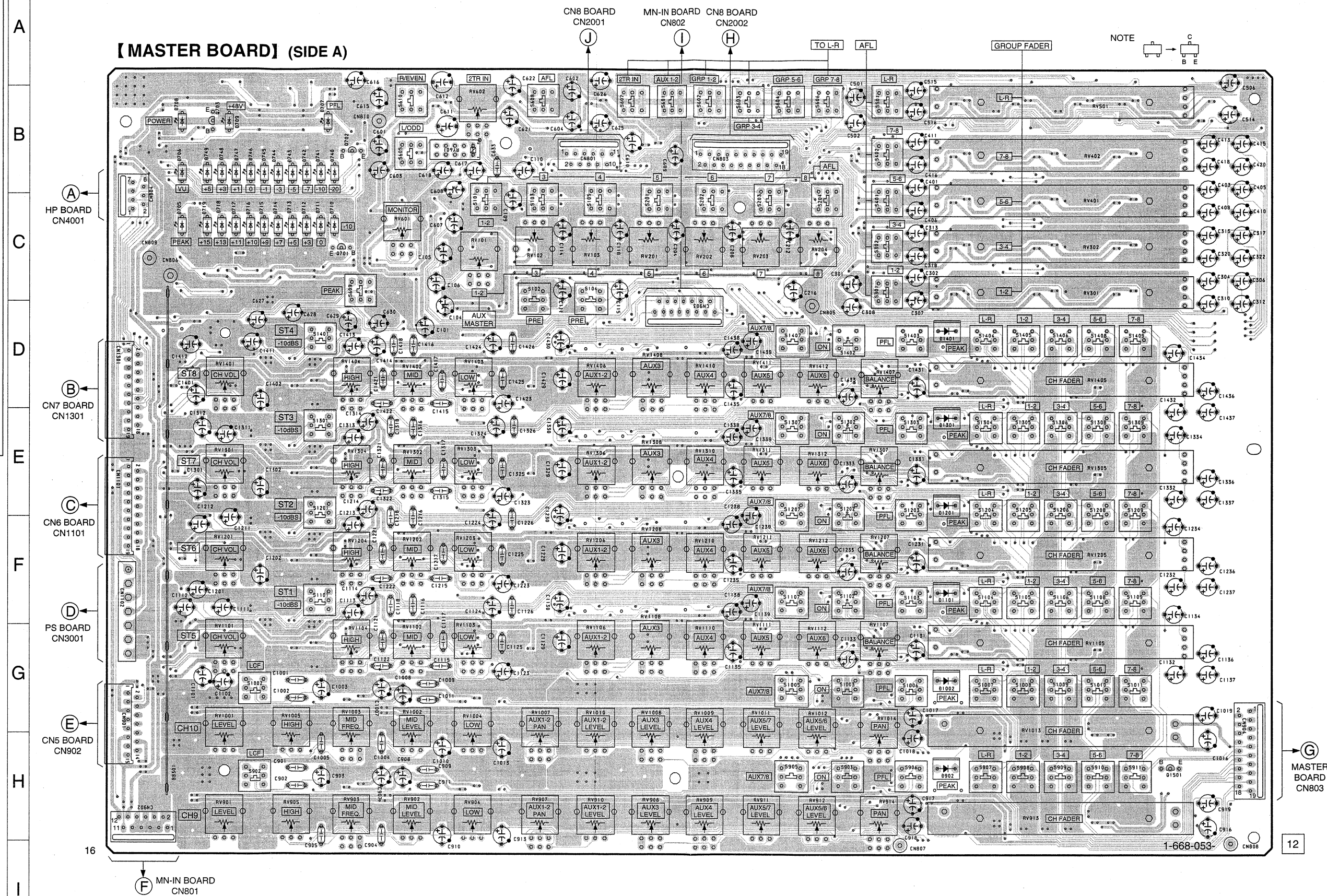


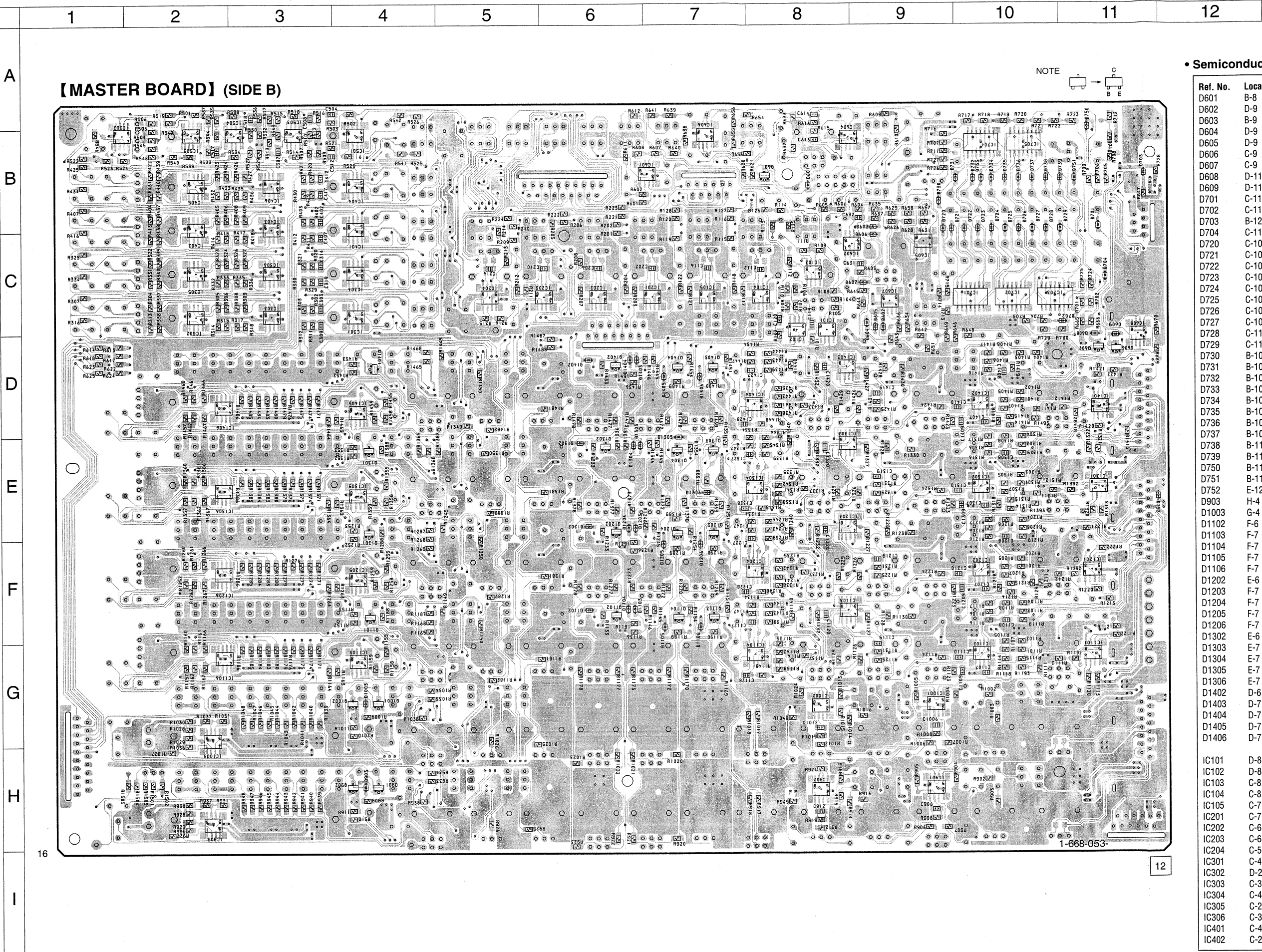
Ref. No.	Location	1	2	3	4	5	6	7	8	9	10	11	12
----------	----------	---	---	---	---	---	---	---	---	---	----	----	----

Ref. No.	Location	1	2	3	4	5	6	7	8	9	10	11	12
D705	C-2												
D706	B-2												
D707	B-3												
D708	B-2												
D709	B-2												
D710	C-3												
D711	C-3												
D712	C-3												
D713	C-3												
D714	C-3												
D715	C-3												
D716	C-2												
D717	C-2												
D718	C-2												
D719	C-2												
D740	B-3												
D741	B-3												
D742	B-3												
D743	B-3												
D744	B-3												
D745	B-3												
D746	B-2												
D747	B-2												
D748	B-2												
D749	B-2												
D902	H-9												
D1002	G-9												
D1101	F-9												
D1201	E-9												
D1301	D-9												
D1401	D-9												
Q701	C-3												
Q702	B-3												
Q703	B-2												
Q1501	H-11												

【MASTER BOARD】 (SIDE A)

Labels on the diagram include: CN8 BOARD CN2001, MN-IN BOARD CN802, CN8 BOARD CN2002, TO L-R, AFL, GROUP FADER, NOTE, HP BOARD CN4001, CN7 BOARD CN1301, and various component values and identifiers like C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C7





[MASTER BOARD] (SIDE B)

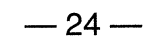
NOTE
C
B
E

• Semiconductor Location

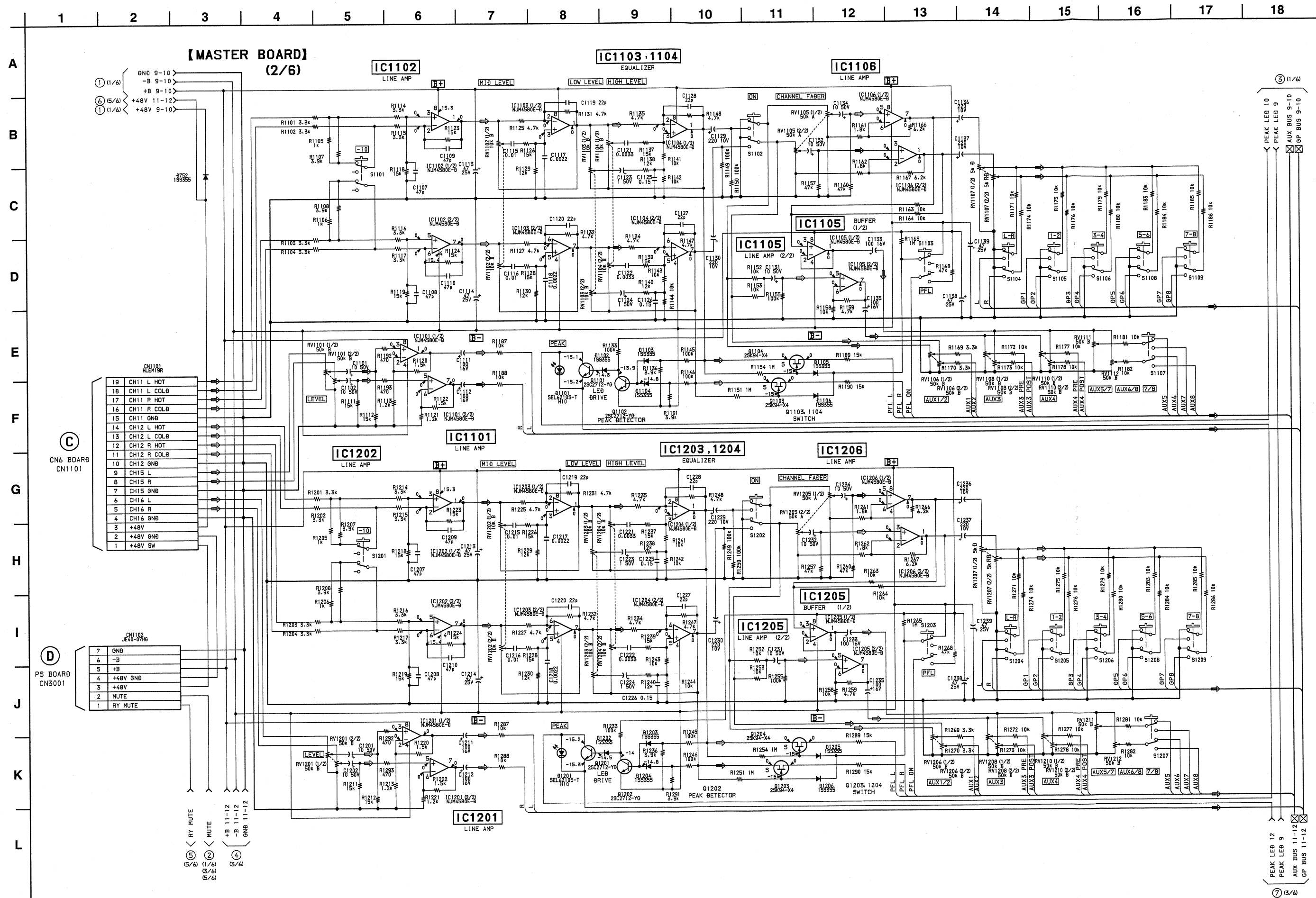
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D602	D-9	IC404	B-4
D603	B-9	IC405	B-2
D604	D-9	IC406	B-3
D605	D-9	IC501	B-4
D606	C-9	IC502	B-2
D607	C-9	IC503	B-3
D608	D-11	IC504	B-3
D609	D-11	IC505	B-2
D701	C-11	IC601	B-7
D702	C-11	IC602	C-9
D703	B-12	IC604	B-9
D704	C-11	IC605	C-9
D720	C-10	IC606	B-7
D721	C-10	IC607	C-9
D722	C-10	IC608	D-11
D723	C-10	IC701	C-10
D724	C-10	IC702	C-10
D725	C-10	IC703	C-11
D726	C-10	IC704	B-10
D727	C-10	IC705	B-10
D728	C-11	IC901	H-9
D729	C-11	IC902	H-8
D730	B-10	IC903	H-3
D731	B-10	IC1001	G-9
D732	B-10	IC1002	G-8
D733	B-10	IC1003	H-3
D734	B-10	IC1101	G-11
D735	B-10	IC1102	G-10
D736	B-10	IC1103	F-9
D737	B-10	IC1104	G-8
D738	B-11	IC1105	G-4
D739	B-11	IC1106	G-3
D750	B-11	IC1201	F-11
D751	B-11	IC1202	F-10
D752	E-12	IC1203	E-9
D903	H-4	IC1204	F-8
D1003	G-4	IC1205	F-4
D1102	F-6	IC1206	F-3
D1103	F-7	IC1301	E-11
D1104	F-7	IC1302	E-10
D1105	F-7	IC1303	E-9
D1106	F-7	IC1304	E-8
D1202	E-6	IC1305	E-4
D1203	F-7	IC1306	E-3
D1204	F-7	IC1401	D-11
D1205	F-7	IC1402	D-10
D1206	F-7	IC1403	D-9
D1302	E-6	IC1404	D-8
D1303	E-7	IC1405	D-4
D1304	E-7	IC1406	D-3
D1305	E-7		
D1306	E-7	Q601	B-8
D1402	D-6	Q602	D-11
D1403	D-7	Q603	D-11
D1404	D-7	Q901	H-4
D1405	D-7	Q902	H-4
D1406	D-7	Q1001	G-4
		Q1002	G-4
IC101	D-8	Q1101	F-4
IC102	D-8	Q1102	F-6
IC103	C-8	Q1103	F-7
IC104	C-8	Q1104	F-7
IC105	C-7	Q1201	F-4
IC201	C-7	Q1202	E-6
IC202	C-6	Q1203	F-7
IC203	C-6	Q1204	F-7
IC204	C-5	Q1301	E-4
IC301	C-4	Q1302	E-6
IC302	D-2	Q1303	E-7
IC303	C-3	Q1304	E-7
IC304	C-4	Q1401	D-4
IC305	C-2	Q1402	D-6
IC306	C-3	Q1403	D-7
IC401	C-4	Q1404	D-7
IC402	C-2		

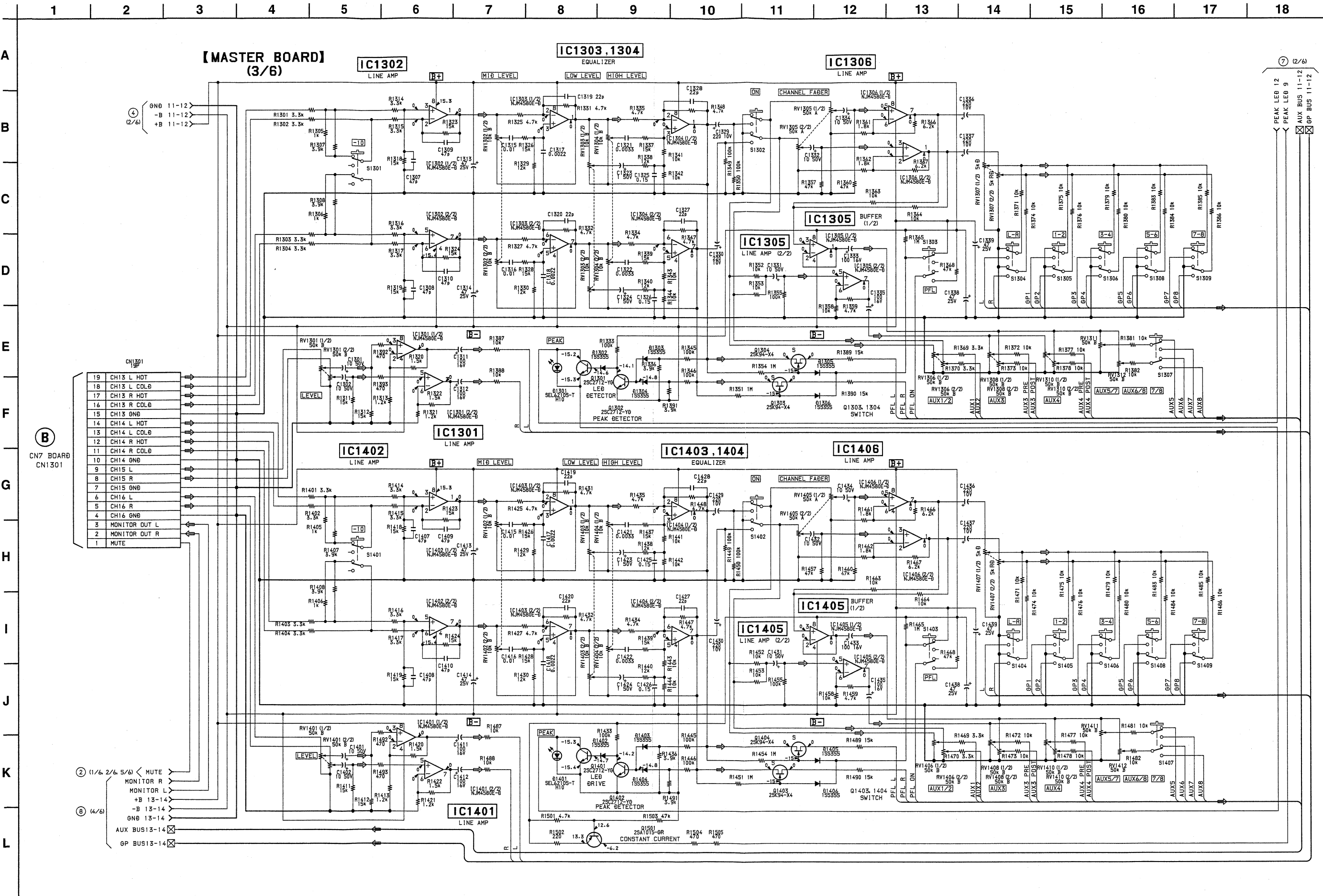
1-668-053-

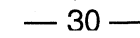
12

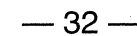


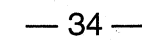
2-6. SCHEMATIC DIAGRAM - MASTER SECTION (2/6) -

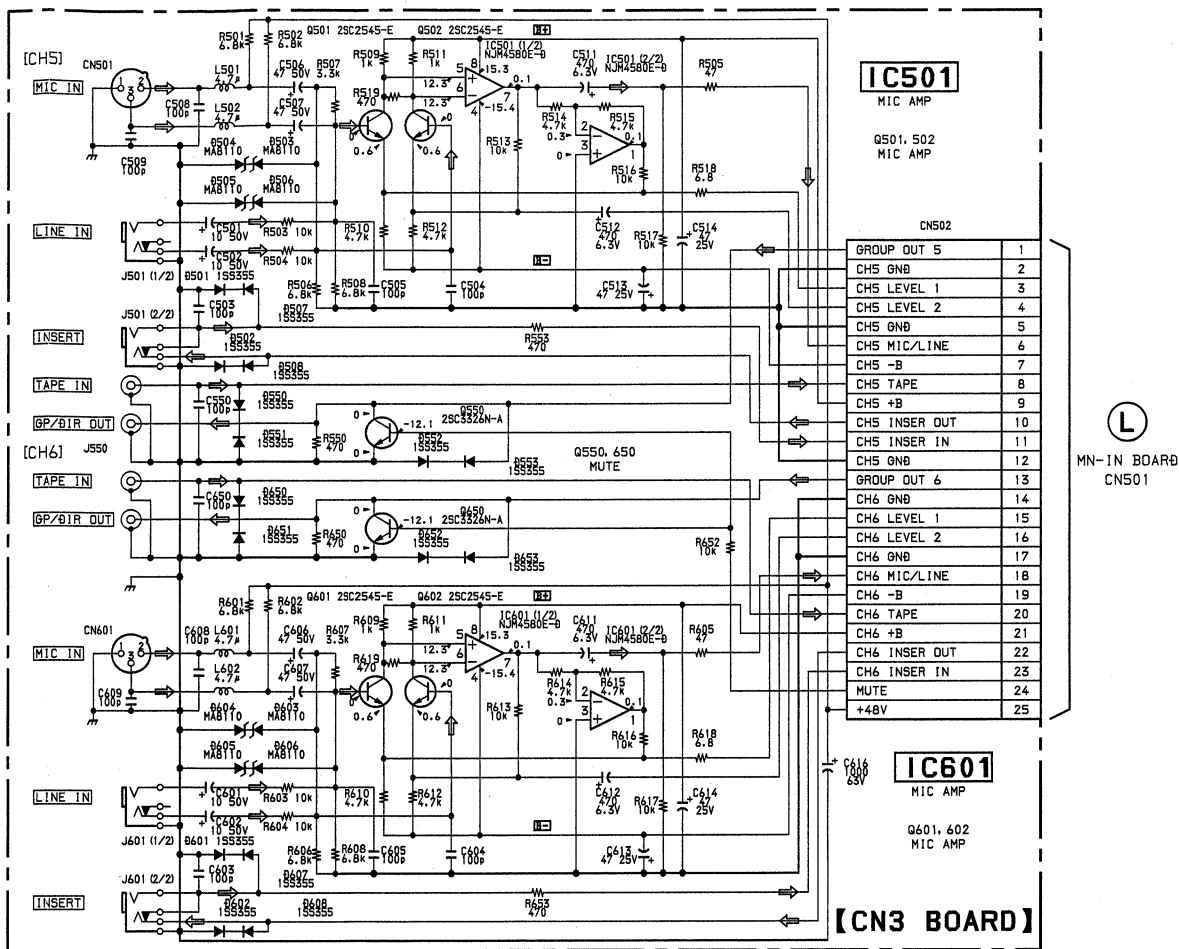


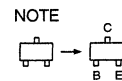








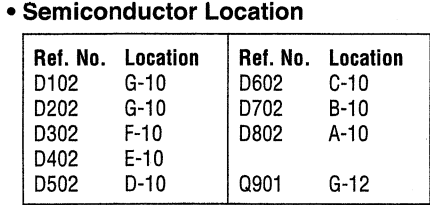


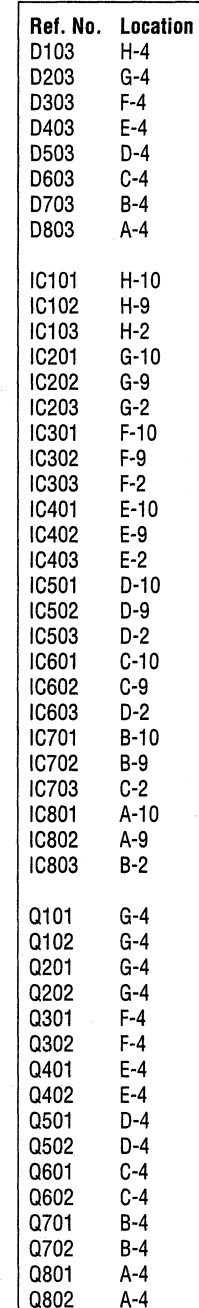


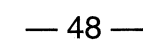
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D101	B-4	D206	B-4	D352	D-1	D504	H-5	D650	H-1	IC101	B-3	Q402	E-2
D102	B-4	D207	B-2	D353	D-1	D505	H-5	D651	H-1	IC201	B-1	Q450	E-1
D103	B-5	D208	B-2	D401	E-2	D506	H-5	D652	G-1	IC301	E-4	Q501	H-5
D104	B-5	D250	B-1	D402	E-2	D507	G-4	D653	G-1	IC401	E-2	Q502	H-5
D105	B-5	D251	B-1	D403	E-3	D508	H-4	D3001	F-12	IC501	H-4	Q550	H-1
D106	B-5	D252	B-1	D404	E-3	D550	H-2	D3002	F-12	IC601	H-3	Q601	H-4
D107	B-4	D253	B-1	D405	E-4	D551	H-2	D3003	F-12			Q602	H-4
D108	B-4	D301	D-4	D406	E-4	D552	G-1	D3004	F-12	Q101	B-4	Q650	H-1
D150	B-2	D302	E-4	D407	E-2	D553	G-1	D3005	E-9	Q102	B-4	Q3001	C-12
D151	B-1	D303	E-5	D408	E-2	D601	H-2	D3006	E-9	Q150	B-1	Q3002	D-12
D152	B-1	D304	E-5	D450	E-1	D602	H-2	D3007	D-11	Q201	B-2	Q3005	F-11
D153	B-1	D305	E-5	D451	E-2	D603	H-3	D3008	D-11	Q202	B-2	Q3006	E-9
D201	B-2	D306	E-5	D452	D-1	D604	H-3	D3009	E-11	Q250	B-1	Q3007	F-12
D202	B-2	D307	E-4	D453	D-1	D605	H-4	D3010	C-10	Q301	E-5		
D203	B-3	D308	E-4	D501	G-4	D606	H-4	D3011	D-9	Q302	E-5		
D204	B-3	D350	E-2	D502	H-4	D607	H-2	D3012	D-8	Q350	E-1		
D205	B-4	D351	E-2	D503	H-5	D608	H-2			Q401	E-2		

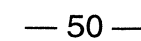
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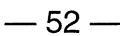


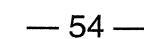














SECTION 3

【使用上の注意】

- -XX, -Xは標準化部品のため、セットについている部品と異なる場合があります。
- *印の部品は常時在庫しておりません。
- 外装部品色表示
例 バランスツマミ (ホワイト) …… (レッド)

部品の色を表わす。セットの色を表わす。

- 分解図中の機構部品で、図面番号のない部品は供給しません。
- ねじ一覧表と付属梱包部は、部品表の最後にあります。

△印の部品、または△印付の点線で囲まれた部品は、安全性を維持するために、重要な部品です。
従って交換時は、必ず指定の部品を使用して下さい。

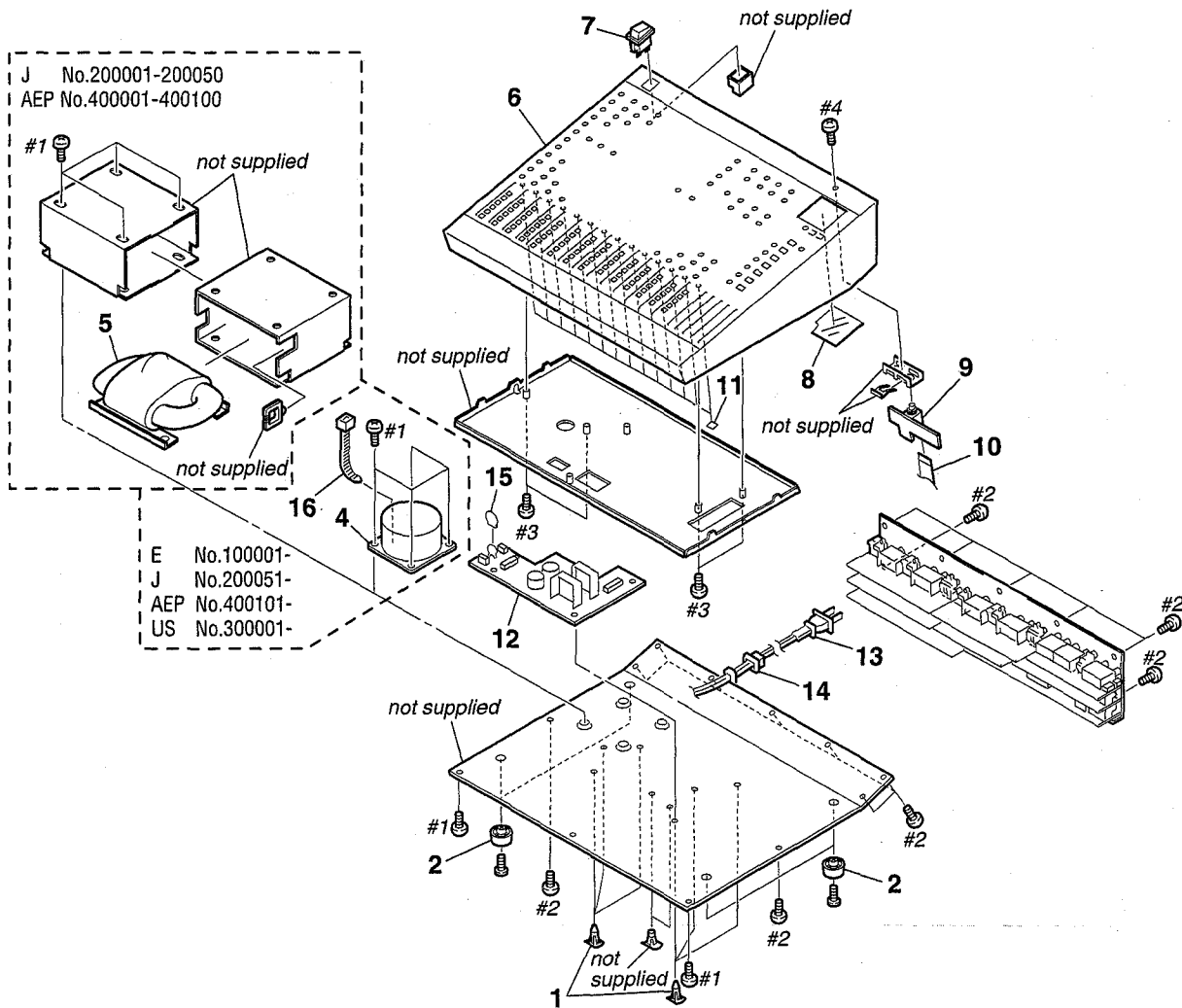
Note:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

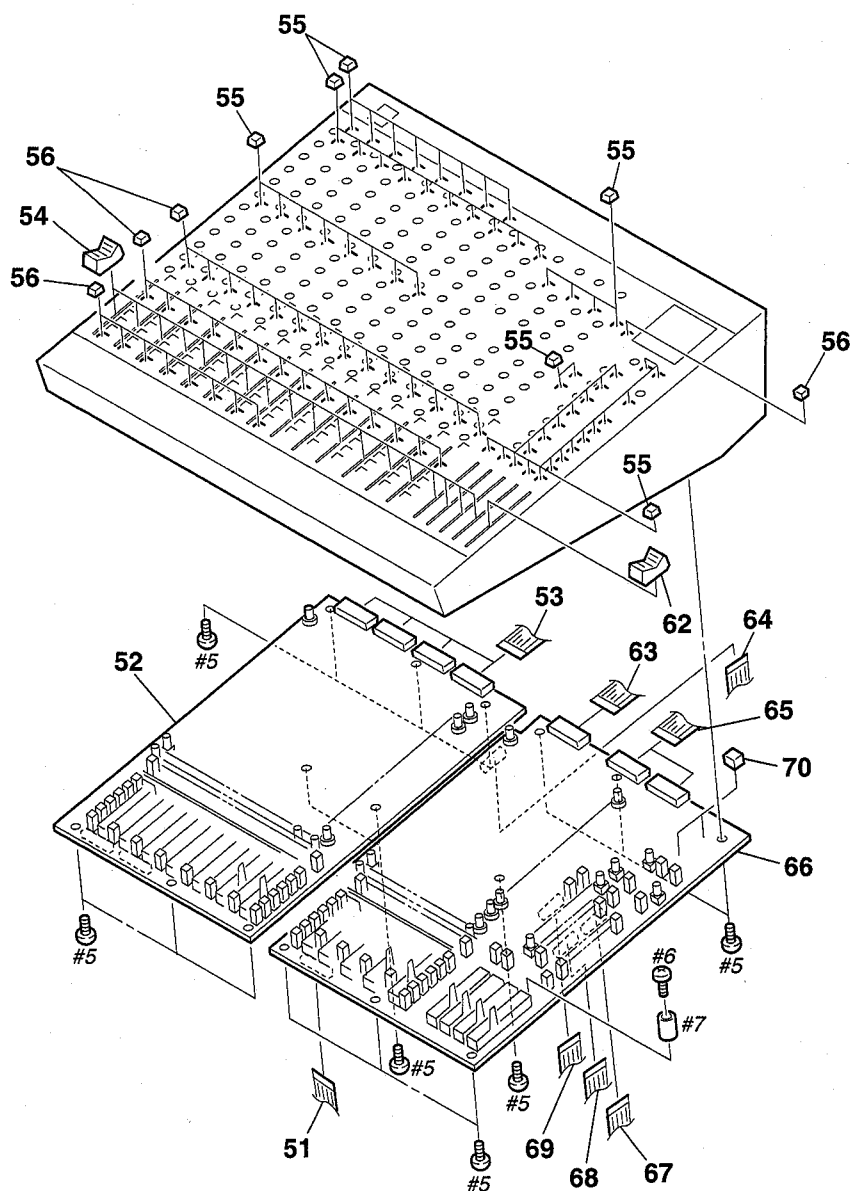
- PANEL SECTION -



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
* 1	2-338-741-11	HOLDER, PWB	
2	2-337-554-01	FOOT	
3	3-888-456-01	SPACER	
△ 4	1-431-692-21	TRANSFORMER, POWER(E,US)	
△ 4	1-431-820-11	TRANSFORMER, POWER(J)	
△ 4	1-431-821-11	TRANSFORMER, POWER(AEP)	
△ 5	1-431-631-11	TRANSFORMER, POWER(J)	
△ 5	1-431-672-11	TRANSFORMER, POWER(AEP)	
6	2-346-293-01	PANEL	
△ 7	1-762-876-11	SWITCH, AC POWER(POWER)	
8	2-346-289-01	PANEL, ACRYLIC	
* 9	A-4591-073-A	HP BOARD, COMPLETE	

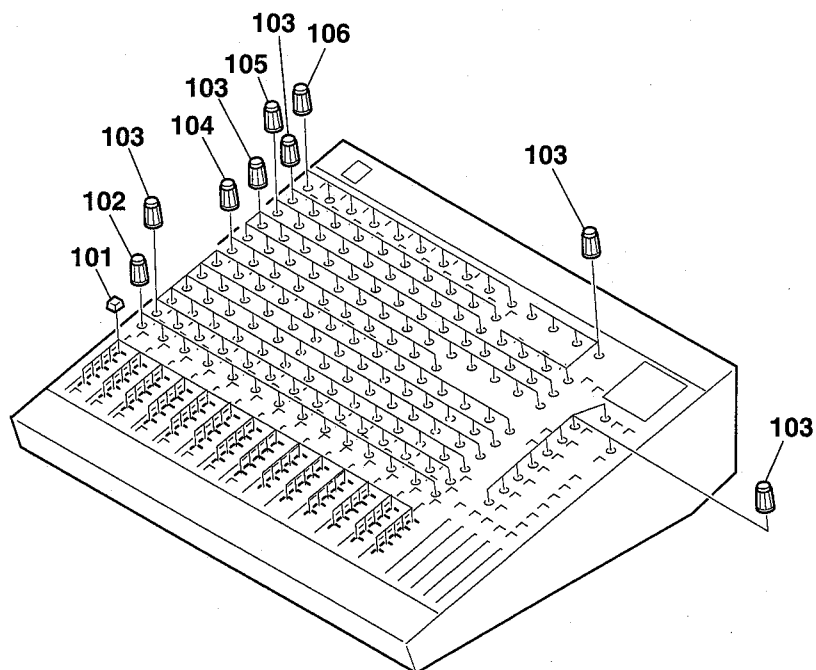
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
10	1-777-555-21	WIRE (FLAT TYPE) (7 CORE)	
11	3-318-636-02	PLATE, INDICATION, REC	
* 12	A-4591-074-A	PS BOARD, COMPLETE	
△ 13	1-574-902-11	CORD, POWER(J)	
△ 13	1-575-912-11	CORD, POWER(AEP)	
△ 13	1-590-771-11	CORD, POWER(E,US)	
14	3-703-244-00	BUSHING (2104), CORD(E,AEP,US)	
* 14	3-703-571-11	BUSHING (S) (4516), CORD(J)	
* 15	4-374-846-21	COVER, CAPACITOR, CAP TYPE(E,AEP)	
16	3-655-653-01	BAND (TAITON), BINDING	

— MASTER-1 SECTION —



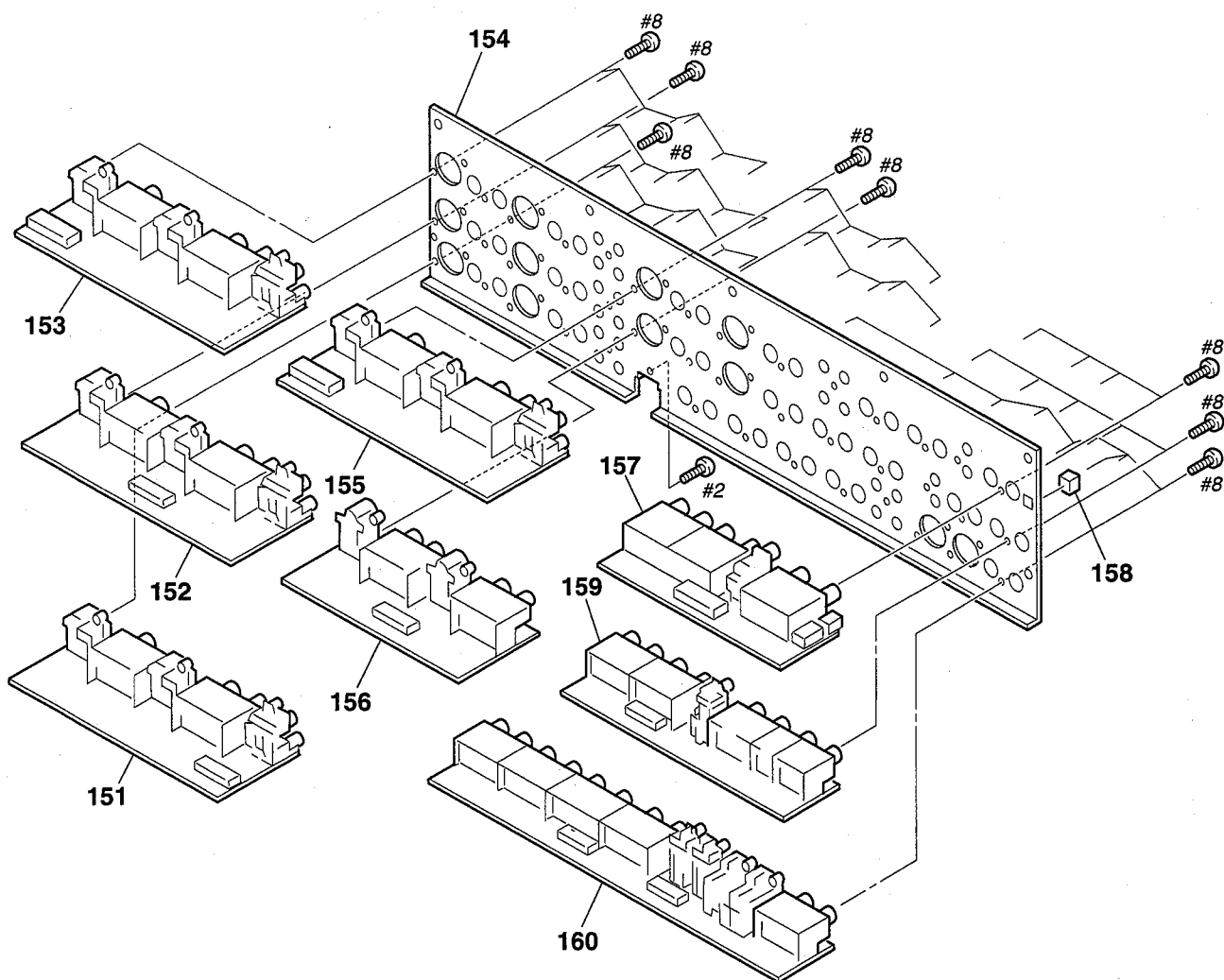
Ref. No.	Part No.	Description	Remarks
51	1-765-073-11	WIRE (FLAT TYPE) (19 CORE)	
* 52	A-4591-062-A	MN-IN BOARD, COMPLETE	
53	1-773-215-11	WIRE (FLAT TYPE) (25 CORE)	
54	2-346-345-02	KNOB, FADER	
55	2-346-290-01	KNOB	
56	2-346-290-11	KNOB	
57	2-346-329-31	KNOB (DIA. 11), ROTARY	
58	4-935-181-41	KNOB (SMALL), ROTARY	
59	4-935-181-11	KNOB (SMALL), ROTARY	
60	4-935-181-21	KNOB (SMALL), ROTARY	
61	4-935-181-01	KNOB (SMALL), ROTARY	
62	2-346-345-12	KNOB, FADER	
63	1-773-008-11	WIRE (FLAT TYPE) (15 CORE)	
64	1-769-324-11	WIRE (FLAT TYPE) (12 CORE)	
65	1-773-117-11	WIRE (FLAT TYPE) (19 CORE)	
* 66	A-4591-061-A	MASTER BOARD, COMPLETE	
67	1-769-961-11	WIRE (FLAT TYPE) (11 CORE)	
68	1-773-133-11	WIRE (FLAT TYPE) (19 CORE)	
69	1-773-014-11	WIRE (FLAT TYPE) (15 CORE)	
* 70	3-323-474-01	CUSHION, RUBBER	

— MASTER-2 SECTION —



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
101	2-346-290-01	KNOB	
102	2-346-329-31	KNOB (DIA. 11), ROTARY	
103	4-935-181-41	KNOB (SMALL), ROTARY	
104	4-935-181-11	KNOB (SMALL), ROTARY	
105	4-935-181-21	KNOB (SMALL), ROTARY	
106	4-935-181-01	KNOB (SMALL), ROTARY	

— REAR PANEL SECTION —



Ref. No.	Part No.	Description	Remarks
* 151	A-4591-066-A	CN3 BOARD, COMPLETE	
* 152	A-4591-065-A	CN2 BOARD, COMPLETE	
* 153	A-4591-064-A	CN1 BOARD, COMPLETE	
* 154	2-346-287-01	PLATE, JACK	
* 155	A-4591-067-A	CN4 BOARD, COMPLETE	
* 156	A-4591-068-A	CN5 BOARD, COMPLETE	
* 157	A-4591-069-A	CN6 BOARD, COMPLETE	
158	2-344-567-11	KNOB (SMALL), PUSH BUTTON	
* 159	A-4591-070-A	CN7 BOARD, COMPLETE	
* 160	A-4591-071-A	CN8 BOARD, COMPLETE	

SECTION 4 ELECTRICAL PARTS LIST

CN1

【電気部品表】

【使用上の注意】

- ここに記載されている部品は、補修用部品であるため、回路図及びセットに付いている部品と異なる場合があります。
- XX, -Xは標準化部品のため、セットに付いている部品と異なる場合があります。
- *印の部品は常備在庫しておりません。
- コンデンサの単位でuFはμFを示します。
- 抵抗の単位Ωは省略してあります。
金 被：金属被膜抵抗。
サンキン：酸化金属被膜抵抗。

- インダクタの単位でuHはμHを示します。
- 半導体の名称でuA..., uPA..., uPB..., uPC..., uPD...等はそれぞれμA..., μPA..., μPB..., μPC..., μPD...を示します。

お願い
図面番号で部品を指定するときは基板名又はブロックを併せて指定してください。

△印の部品、または△印付の点線で囲まれた部品は、安全性を維持するために、重要な部品です。
従って交換時は、必ず指定の部品を使用して下さい。

Note:

When indicating parts by reference number, please include the board name.

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS:
uF: μF

- RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- COILS
uH: μH
- SEMICONDUCTORS
In each case, u: μ, for example:
uA...: μA..., uPA..., μPA...,
uPB..., μPB..., uPC..., μPC...,
uPD..., μPD...

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
*	A-4591-064-A	CN1 BOARD, COMPLETE *****				< DIODE >	
		< CAPACITOR >		D101	8-719-988-62	DIODE 1SS355	
C101	1-126-964-11	ELECT 10uF 20% 50V		D102	8-719-988-62	DIODE 1SS355	
C102	1-126-964-11	ELECT 10uF 20% 50V		D103	8-719-423-17	DIODE MA8110	
C103	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D104	8-719-423-17	DIODE MA8110	
C104	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D105	8-719-423-17	DIODE MA8110	
C105	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D106	8-719-423-17	DIODE MA8110	
C106	1-126-967-11	ELECT 47uF 20% 50V		D107	8-719-988-62	DIODE 1SS355	
C107	1-126-967-11	ELECT 47uF 20% 50V		D108	8-719-988-62	DIODE 1SS355	
C108	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D150	8-719-988-62	DIODE 1SS355	
C109	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D151	8-719-988-62	DIODE 1SS355	
C111	1-126-935-11	ELECT 470uF 20% 6.3V		D152	8-719-988-62	DIODE 1SS355	
C112	1-126-935-11	ELECT 470uF 20% 6.3V		D153	8-719-988-62	DIODE 1SS355	
C113	1-104-664-11	ELECT 47uF 20% 25V		D201	8-719-988-62	DIODE 1SS355	
C114	1-104-664-11	ELECT 47uF 20% 25V		D202	8-719-988-62	DIODE 1SS355	
C150	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D203	8-719-423-17	DIODE MA8110	
C201	1-126-964-11	ELECT 10uF 20% 50V		D204	8-719-423-17	DIODE MA8110	
C202	1-126-964-11	ELECT 10uF 20% 50V		D205	8-719-423-17	DIODE MA8110	
C203	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D206	8-719-423-17	DIODE MA8110	
C204	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D207	8-719-988-62	DIODE 1SS355	
C205	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D208	8-719-988-62	DIODE 1SS355	
C206	1-126-967-11	ELECT 47uF 20% 50V		D250	8-719-988-62	DIODE 1SS355	
C207	1-126-967-11	ELECT 47uF 20% 50V		D251	8-719-988-62	DIODE 1SS355	
C208	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D252	8-719-988-62	DIODE 1SS355	
C209	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		D253	8-719-988-62	DIODE 1SS355	
C211	1-126-935-11	ELECT 470uF 20% 6.3V				< IC >	
C212	1-126-935-11	ELECT 470uF 20% 6.3V		IC101	8-759-711-85	IC NJM4580E-D	
C213	1-104-664-11	ELECT 47uF 20% 25V		IC201	8-759-711-85	IC NJM4580E-D	
C214	1-104-664-11	ELECT 47uF 20% 25V				< JACK >	
C250	1-163-251-11	CERAMIC CHIP 100PF 5% 50V		J101	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN, INSERT: CH1)	
		< CONNECTOR >		J150	1-784-017-11	JACK, PIN 4P(TAPE IN, GRP/DIR OUT: CH1/2)	
CN101	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN: CH1)		J201	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN, INSERT: CH2)	
* CN102	1-568-867-11	SOCKET, CONNECTOR 25P					
CN201	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN: CH2)					

CN1

CN2

Ref. No.	Part No.	Description	Remarks
< JUMPER RESISTOR >			
JW120	1-216-295-91	SHORT 0	
JW121	1-216-295-91	SHORT 0	
< COIL >			
L101	1-412-002-31	INDUCTOR CHIP 4.7uH	
L102	1-412-002-31	INDUCTOR CHIP 4.7uH	
L201	1-412-002-31	INDUCTOR CHIP 4.7uH	
L202	1-412-002-31	INDUCTOR CHIP 4.7uH	
< TRANSISTOR >			
Q101	8-729-354-52	TRANSISTOR 2SC2545	
Q102	8-729-354-52	TRANSISTOR 2SC2545	
Q150	8-729-202-38	TRANSISTOR 2SC3326N	
Q201	8-729-354-52	TRANSISTOR 2SC2545	
Q202	8-729-354-52	TRANSISTOR 2SC2545	
Q250	8-729-202-38	TRANSISTOR 2SC3326N	
< RESISTOR >			
R101	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R102	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R103	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R104	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R105	1-216-619-11	METAL CHIP 47 0.5% 1/10W	
R106	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R107	1-208-449-61	RES,CHIP 3.3K 2% 1/10W	
R108	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R109	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R110	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R111	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R112	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R113	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R114	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R115	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R116	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R117	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R118	1-208-337-31	RES,CHIP 6.8 2% 1/10W	
R119	1-208-774-11	RES,CHIP 470 2% 1/10W	
R150	1-208-774-11	RES,CHIP 470 2% 1/10W	
R153	1-208-774-11	RES,CHIP 470 2% 1/10W	
R201	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R202	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R203	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R204	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R205	1-216-619-11	METAL CHIP 47 0.5% 1/10W	
R206	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R207	1-208-449-61	RES,CHIP 3.3K 2% 1/10W	
R208	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R209	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R210	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R211	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R212	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R213	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R214	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R215	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R216	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R217	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R218	1-208-337-31	RES,CHIP 6.8 2% 1/10W	
R219	1-208-774-11	RES,CHIP 470 2% 1/10W	

Ref. No.	Part No.	Description	Remarks
R250	1-208-774-11	RES,CHIP 470 2% 1/10W	
R252	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R253	1-208-774-11	RES,CHIP 470 2% 1/10W	

* A-4591-065-A CN2 BOARD, COMPLETE *****			
< CAPACITOR >			
C301	1-126-964-11	ELECT 10uF 20% 50V	
C302	1-126-964-11	ELECT 10uF 20% 50V	
C303	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C304	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C305	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C306	1-126-967-11	ELECT 47uF 20% 50V	
C307	1-126-967-11	ELECT 47uF 20% 50V	
C308	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C309	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C311	1-126-935-11	ELECT 470uF 20% 6.3V	
C312	1-126-935-11	ELECT 470uF 20% 6.3V	
C313	1-104-664-11	ELECT 47uF 20% 25V	
C314	1-104-664-11	ELECT 47uF 20% 25V	
C350	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C401	1-126-964-11	ELECT 10uF 20% 50V	
C402	1-126-964-11	ELECT 10uF 20% 50V	
C403	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C404	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C405	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C406	1-126-967-11	ELECT 47uF 20% 50V	
C407	1-126-967-11	ELECT 47uF 20% 50V	
C408	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C409	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C411	1-126-935-11	ELECT 470uF 20% 6.3V	
C412	1-126-935-11	ELECT 470uF 20% 6.3V	
C413	1-104-664-11	ELECT 47uF 20% 25V	
C414	1-104-664-11	ELECT 47uF 20% 25V	
C450	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
< CONNECTOR >			
CN301	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH3)	
* CN302	1-568-867-11	SOCKET, CONNECTOR 25P	
CN401	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH4)	
< DIODE >			
D301	8-719-988-62	DIODE 1SS355	
D302	8-719-988-62	DIODE 1SS355	
D303	8-719-423-17	DIODE MA8110	
D304	8-719-423-17	DIODE MA8110	
D305	8-719-423-17	DIODE MA8110	
D306	8-719-423-17	DIODE MA8110	
D307	8-719-988-62	DIODE 1SS355	
D308	8-719-988-62	DIODE 1SS355	
D350	8-719-988-62	DIODE 1SS355	
D351	8-719-988-62	DIODE 1SS355	
D352	8-719-988-62	DIODE 1SS355	
D353	8-719-988-62	DIODE 1SS355	
D401	8-719-988-62	DIODE 1SS355	
D402	8-719-988-62	DIODE 1SS355	
D403	8-719-423-17	DIODE MA8110	

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
D404	8-719-423-17	DIODE MA8110		R353	1-208-774-11	RES,CHIP 470 2% 1/10W	
D405	8-719-423-17	DIODE MA8110		R401	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
D406	8-719-423-17	DIODE MA8110		R402	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
D407	8-719-988-62	DIODE 1SS355		R403	1-208-462-61	RES,CHIP 10K 2% 1/10W	
D408	8-719-988-62	DIODE 1SS355		R404	1-208-462-61	RES,CHIP 10K 2% 1/10W	
D450	8-719-988-62	DIODE 1SS355		R405	1-216-619-11	METAL CHIP 47 0.5% 1/10W	
D451	8-719-988-62	DIODE 1SS355		R406	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
D452	8-719-988-62	DIODE 1SS355		R407	1-208-449-61	RES,CHIP 3.3K 2% 1/10W	
D453	8-719-988-62	DIODE 1SS355		R408	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
< IC >				R409	1-208-437-61	RES,CHIP 1K 2% 1/10W	
IC301	8-759-711-85	IC NJM4580E-D		R410	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
IC401	8-759-711-85	IC NJM4580E-D		R411	1-208-437-61	RES,CHIP 1K 2% 1/10W	
< JACK >				R412	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
J301	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH3)		R413	1-208-462-61	RES,CHIP 10K 2% 1/10W	
J350	1-784-017-11	JACK, PIN 4P(TAPE IN,GRP/DIR OUT:CH3/4)		R414	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
J401	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH4)		R415	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
< JUMPER RESISTOR >				R416	1-208-462-61	RES,CHIP 10K 2% 1/10W	
JW318	1-216-295-91	SHORT 0		R417	1-208-462-61	RES,CHIP 10K 2% 1/10W	
JW319	1-216-295-91	SHORT 0		R418	1-208-337-31	RES,CHIP 6.8 2% 1/10W	
< COIL >				R419	1-208-774-11	RES,CHIP 470 2% 1/10W	
L301	1-412-002-31	INDUCTOR CHIP 4.7uH		R450	1-208-774-11	RES,CHIP 470 2% 1/10W	
L302	1-412-002-31	INDUCTOR CHIP 4.7uH		R452	1-208-462-61	RES,CHIP 10K 2% 1/10W	
L401	1-412-002-31	INDUCTOR CHIP 4.7uH		R453	1-208-774-11	RES,CHIP 470 2% 1/10W	
L402	1-412-002-31	INDUCTOR CHIP 4.7uH		*****			
< TRANSISTOR >				* A-4591-066-A CN3 BOARD, COMPLETE			
Q301	8-729-354-52	TRANSISTOR 2SC2545		*****			
Q302	8-729-354-52	TRANSISTOR 2SC2545		< CAPACITOR >			
Q350	8-729-202-38	TRANSISTOR 2SC3326N		C501	1-126-964-11	ELECT 10uF 20% 50V	
Q401	8-729-354-52	TRANSISTOR 2SC2545		C502	1-126-964-11	ELECT 10uF 20% 50V	
Q402	8-729-354-52	TRANSISTOR 2SC2545		C503	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
Q450	8-729-202-38	TRANSISTOR 2SC3326N		C504	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
< RESISTOR >				C505	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R301	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W		C506	1-126-967-11	ELECT 47uF 20% 50V	
R302	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W		C507	1-126-967-11	ELECT 47uF 20% 50V	
R303	1-208-462-61	RES,CHIP 10K 2% 1/10W		C508	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R304	1-208-462-61	RES,CHIP 10K 2% 1/10W		C509	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R305	1-216-619-11	METAL CHIP 47 0.5% 1/10W		C511	1-126-935-11	ELECT 470uF 20% 6.3V	
R306	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W		C512	1-126-935-11	ELECT 470uF 20% 6.3V	
R307	1-208-449-61	RES,CHIP 3.3K 2% 1/10W		C513	1-104-664-11	ELECT 47uF 20% 25V	
R308	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W		C514	1-104-664-11	ELECT 47uF 20% 25V	
R309	1-208-437-61	RES,CHIP 1K 2% 1/10W		C550	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R310	1-208-453-61	RES,CHIP 4.7K 2% 1/10W		C601	1-126-964-11	ELECT 10uF 20% 50V	
R311	1-208-437-61	RES,CHIP 1K 2% 1/10W		C602	1-126-964-11	ELECT 10uF 20% 50V	
R312	1-208-453-61	RES,CHIP 4.7K 2% 1/10W		C603	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R313	1-208-462-61	RES,CHIP 10K 2% 1/10W		C604	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R314	1-208-453-61	RES,CHIP 4.7K 2% 1/10W		C605	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R315	1-208-453-61	RES,CHIP 4.7K 2% 1/10W		C606	1-126-967-11	ELECT 47uF 20% 50V	
R316	1-208-462-61	RES,CHIP 10K 2% 1/10W		C607	1-126-967-11	ELECT 47uF 20% 50V	
R317	1-208-462-61	RES,CHIP 10K 2% 1/10W		C608	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R318	1-208-337-31	RES,CHIP 6.8 2% 1/10W		C609	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
R319	1-208-774-11	RES,CHIP 470 2% 1/10W		C611	1-126-935-11	ELECT 470uF 20% 6.3V	
R350	1-208-774-11	RES,CHIP 470 2% 1/10W		C612	1-126-935-11	ELECT 470uF 20% 6.3V	
				C613	1-104-664-11	ELECT 47uF 20% 25V	
				C614	1-104-664-11	ELECT 47uF 20% 25V	
				C616	1-128-556-11	ELECT 1000uF 20% 63V	
				C650	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	

CN3

CN4

Ref. No.	Part No.	Description	Remarks
< CONNECTOR >			
CN501	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH5)	
* CN502	1-568-867-11	SOCKET, CONNECTOR 25P	
CN601	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH6)	
< DIODE >			
D501	8-719-988-62	DIODE 1SS355	
D502	8-719-988-62	DIODE 1SS355	
D503	8-719-423-17	DIODE MA8110	
D504	8-719-423-17	DIODE MA8110	
D505	8-719-423-17	DIODE MA8110	
D506	8-719-423-17	DIODE MA8110	
D507	8-719-988-62	DIODE 1SS355	
D508	8-719-988-62	DIODE 1SS355	
D550	8-719-988-62	DIODE 1SS355	
D551	8-719-988-62	DIODE 1SS355	
D552	8-719-988-62	DIODE 1SS355	
D553	8-719-988-62	DIODE 1SS355	
D601	8-719-988-62	DIODE 1SS355	
D602	8-719-988-62	DIODE 1SS355	
D603	8-719-423-17	DIODE MA8110	
D604	8-719-423-17	DIODE MA8110	
D605	8-719-423-17	DIODE MA8110	
D606	8-719-423-17	DIODE MA8110	
D607	8-719-988-62	DIODE 1SS355	
D608	8-719-988-62	DIODE 1SS355	
D650	8-719-988-62	DIODE 1SS355	
D651	8-719-988-62	DIODE 1SS355	
D652	8-719-988-62	DIODE 1SS355	
D653	8-719-988-62	DIODE 1SS355	
< IC >			
IC501	8-759-711-85	IC NJM4580E-D	
IC601	8-759-711-85	IC NJM4580E-D	
< JACK >			
J501	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH5)	
J550	1-784-017-11	JACK, PIN 4P(TAPE IN,GRP/DIR OUT:CH5/6)	
J601	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH6)	
< JUMPER RESISTOR >			
JW518	1-216-295-91	SHORT 0	
< COIL >			
L501	1-412-002-31	INDUCTOR CHIP 4.7uH	
L502	1-412-002-31	INDUCTOR CHIP 4.7uH	
L601	1-412-002-31	INDUCTOR CHIP 4.7uH	
L602	1-412-002-31	INDUCTOR CHIP 4.7uH	
< TRANSISTOR >			
Q501	8-729-354-52	TRANSISTOR 2SC2545	
Q502	8-729-354-52	TRANSISTOR 2SC2545	
Q550	8-729-202-38	TRANSISTOR 2SC3326N	
Q601	8-729-354-52	TRANSISTOR 2SC2545	
Q602	8-729-354-52	TRANSISTOR 2SC2545	
Q650	8-729-202-38	TRANSISTOR 2SC3326N	

Ref. No.	Part No.	Description	Remarks
< RESISTOR >			
R501	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R502	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R503	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R504	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R505	1-216-619-11	METAL CHIP 47 0.5% 1/10W	
R506	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R507	1-208-449-61	RES,CHIP 3.3K 2% 1/10W	
R508	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R509	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R510	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R511	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R512	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R513	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R514	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R515	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R516	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R517	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R518	1-208-337-31	RES,CHIP 6.8 2% 1/10W	
R519	1-208-774-11	RES,CHIP 470 2% 1/10W	
R550	1-208-774-11	RES,CHIP 470 2% 1/10W	
R553	1-208-774-11	RES,CHIP 470 2% 1/10W	
R601	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R602	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R603	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R604	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R605	1-216-619-11	METAL CHIP 47 0.5% 1/10W	
R606	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R607	1-208-449-61	RES,CHIP 3.3K 2% 1/10W	
R608	1-216-671-11	METAL CHIP 6.8K 0.5% 1/10W	
R609	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R610	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R611	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R612	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R613	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R614	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R615	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R616	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R617	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R618	1-208-337-31	RES,CHIP 6.8 2% 1/10W	
R619	1-208-774-11	RES,CHIP 470 2% 1/10W	
R650	1-208-774-11	RES,CHIP 470 2% 1/10W	
R652	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R653	1-208-774-11	RES,CHIP 470 2% 1/10W	

* A-4591-067-A CN4 BOARD, COMPLETE *****			
< CAPACITOR >			
C701	1-126-964-11	ELECT 10uF 20% 50V	
C702	1-126-964-11	ELECT 10uF 20% 50V	
C703	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C704	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C705	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C706	1-126-967-11	ELECT 47uF 20% 50V	
C707	1-126-967-11	ELECT 47uF 20% 50V	
C708	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C709	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C711	1-126-935-11	ELECT 470uF 20% 6.3V	

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C712	1-126-935-11	ELECT	470uF 20% 6.3V			< JUMPER RESISTOR >	
C713	1-104-664-11	ELECT	47uF 20% 25V				
C714	1-104-664-11	ELECT	47uF 20% 25V				
C750	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	JW721	1-216-295-91	SHORT 0	
C801	1-126-964-11	ELECT	10uF 20% 50V			< COIL >	
C802	1-126-964-11	ELECT	10uF 20% 50V	L701	1-412-002-31	INDUCTOR CHIP 4.7uH	
C803	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	L702	1-412-002-31	INDUCTOR CHIP 4.7uH	
C804	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	L801	1-412-002-31	INDUCTOR CHIP 4.7uH	
C805	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	L802	1-412-002-31	INDUCTOR CHIP 4.7uH	
C806	1-126-967-11	ELECT	47uF 20% 50V			< TRANSISTOR >	
C807	1-126-967-11	ELECT	47uF 20% 50V	Q701	8-729-354-52	TRANSISTOR 2SC2545	
C808	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	Q702	8-729-354-52	TRANSISTOR 2SC2545	
C809	1-163-251-11	CERAMIC CHIP	100PF 5% 50V	Q750	8-729-202-38	TRANSISTOR 2SC3326N	
C811	1-126-935-11	ELECT	470uF 20% 6.3V	Q801	8-729-354-52	TRANSISTOR 2SC2545	
C812	1-126-935-11	ELECT	470uF 20% 6.3V	Q802	8-729-354-52	TRANSISTOR 2SC2545	
C813	1-104-664-11	ELECT	47uF 20% 25V				
C814	1-104-664-11	ELECT	47uF 20% 25V	Q850	8-729-202-38	TRANSISTOR 2SC3326N	
C850	1-163-251-11	CERAMIC CHIP	100PF 5% 50V			< RESISTOR >	
		< CONNECTOR >		R701	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
CN701	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH7)		R702	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
* CN702	1-568-867-11	SOCKET, CONNECTOR 25P		R703	1-208-462-61	RES,CHIP 10K	2% 1/10W
CN801	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH8)		R704	1-208-462-61	RES,CHIP 10K	2% 1/10W
		< DIODE >		R705	1-216-619-11	METAL CHIP 47	0.5% 1/10W
D701	8-719-988-62	DIODE 1SS355		R706	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
D702	8-719-988-62	DIODE 1SS355		R707	1-208-449-61	RES,CHIP 3.3K	2% 1/10W
D703	8-719-423-17	DIODE MA8110		R708	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
D704	8-719-423-17	DIODE MA8110		R709	1-208-437-61	RES,CHIP 1K	2% 1/10W
D705	8-719-423-17	DIODE MA8110		R710	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
D706	8-719-423-17	DIODE MA8110		R711	1-208-437-61	RES,CHIP 1K	2% 1/10W
D707	8-719-988-62	DIODE 1SS355		R712	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
D708	8-719-988-62	DIODE 1SS355		R713	1-208-462-61	RES,CHIP 10K	2% 1/10W
D750	8-719-988-62	DIODE 1SS355		R714	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
D751	8-719-988-62	DIODE 1SS355		R715	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
D752	8-719-988-62	DIODE 1SS355		R716	1-208-462-61	RES,CHIP 10K	2% 1/10W
D753	8-719-988-62	DIODE 1SS355		R717	1-208-462-61	RES,CHIP 10K	2% 1/10W
D801	8-719-988-62	DIODE 1SS355		R718	1-208-337-31	RES,CHIP 6.8	2% 1/10W
D802	8-719-988-62	DIODE 1SS355		R719	1-208-774-11	RES,CHIP 470	2% 1/10W
D803	8-719-423-17	DIODE MA8110		R750	1-208-774-11	RES,CHIP 470	2% 1/10W
D804	8-719-423-17	DIODE MA8110		R753	1-208-774-11	RES,CHIP 470	2% 1/10W
D805	8-719-423-17	DIODE MA8110		R801	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
D806	8-719-423-17	DIODE MA8110		R802	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
D807	8-719-988-62	DIODE 1SS355		R803	1-208-462-61	RES,CHIP 10K	2% 1/10W
D808	8-719-988-62	DIODE 1SS355		R804	1-208-462-61	RES,CHIP 10K	2% 1/10W
D850	8-719-988-62	DIODE 1SS355		R805	1-216-619-11	METAL CHIP 47	0.5% 1/10W
D851	8-719-988-62	DIODE 1SS355		R806	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
D852	8-719-988-62	DIODE 1SS355		R807	1-208-449-61	RES,CHIP 3.3K	2% 1/10W
D853	8-719-988-62	DIODE 1SS355		R808	1-216-671-11	METAL CHIP 6.8K	0.5% 1/10W
		< IC >		R809	1-208-437-61	RES,CHIP 1K	2% 1/10W
IC701	8-759-711-85	IC NJM4580E-D		R810	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
IC801	8-759-711-85	IC NJM4580E-D		R811	1-208-437-61	RES,CHIP 1K	2% 1/10W
		< JACK >		R812	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
J701	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH7)		R813	1-208-462-61	RES,CHIP 10K	2% 1/10W
J750	1-784-017-11	JACK, PIN 4P(TAPE IN,GRP/DIR OUT:CH7/8)		R814	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
J801	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH8)		R815	1-208-453-61	RES,CHIP 4.7K	2% 1/10W
				R816	1-208-462-61	RES,CHIP 10K	2% 1/10W
				R817	1-208-462-61	RES,CHIP 10K	2% 1/10W
				R818	1-208-337-31	RES,CHIP 6.8	2% 1/10W
				R819	1-208-774-11	RES,CHIP 470	2% 1/10W

CN4

CN5

Ref. No.	Part No.	Description	Remarks
R850	1-208-774-11	RES,CHIP 470 2%	1/10W
R852	1-208-462-61	RES,CHIP 10K 2%	1/10W
R853	1-208-774-11	RES,CHIP 470 2%	1/10W

* A-4591-068-A CN5 BOARD, COMPLETE

< CAPACITOR >

C901	1-126-964-11	ELECT 10uF 20%	50V
C902	1-126-964-11	ELECT 10uF 20%	50V
C903	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C904	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C905	1-163-251-11	CERAMIC CHIP 100PF 5%	50V

C906	1-126-967-11	ELECT 47uF 20%	50V
C907	1-126-967-11	ELECT 47uF 20%	50V
C908	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C909	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C911	1-126-935-11	ELECT 470uF 20%	6.3V

C912	1-126-935-11	ELECT 470uF 20%	6.3V
C913	1-104-664-11	ELECT 47uF 20%	25V
C914	1-104-664-11	ELECT 47uF 20%	25V
C1001	1-126-964-11	ELECT 10uF 20%	50V
C1002	1-126-964-11	ELECT 10uF 20%	50V

C1003	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1004	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1005	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1006	1-126-967-11	ELECT 47uF 20%	50V
C1007	1-126-967-11	ELECT 47uF 20%	50V

C1008	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1009	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1011	1-126-935-11	ELECT 470uF 20%	6.3V
C1012	1-126-935-11	ELECT 470uF 20%	6.3V
C1013	1-104-664-11	ELECT 47uF 20%	25V

C1014	1-104-664-11	ELECT 47uF 20%	25V
C1501	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1502	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1601	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1602	1-163-251-11	CERAMIC CHIP 100PF 5%	50V

< CONNECTOR >

CN901	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH9)	
* CN902	1-568-858-11	SOCKET, CONNECTOR 15P	
CN1001	1-778-327-21	CONNECTOR (RECEPTACLE)(MIC IN:CH10)	

< DIODE >

D901	8-719-988-62	DIODE 1SS355	
D902	8-719-988-62	DIODE 1SS355	
D903	8-719-423-17	DIODE MA8110	
D904	8-719-423-17	DIODE MA8110	
D905	8-719-423-17	DIODE MA8110	

D906	8-719-423-17	DIODE MA8110	
D907	8-719-988-62	DIODE 1SS355	
D908	8-719-988-62	DIODE 1SS355	
D1001	8-719-988-62	DIODE 1SS355	
D1002	8-719-988-62	DIODE 1SS355	

D1003	8-719-423-17	DIODE MA8110	
D1004	8-719-423-17	DIODE MA8110	
D1005	8-719-423-17	DIODE MA8110	
D1006	8-719-423-17	DIODE MA8110	
D1007	8-719-988-62	DIODE 1SS355	

Ref. No.	Part No.	Description	Remarks
D1008	8-719-988-62	DIODE 1SS355	
		< IC >	

IC901	8-759-711-85	IC NJM4580E-D	
IC1001	8-759-711-85	IC NJM4580E-D	

< JACK >

J901	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH9)	
J1001	1-750-973-11	JACK (LARGE TYPE) (2 GANG) (LINE IN,INSERT:CH10)	

< JUMPER RESISTOR >

JW1001	1-216-295-91	SHORT 0	
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< COIL >

L901	1-412-002-31	INDUCTOR CHIP 4.7uH	
L902	1-412-002-31	INDUCTOR CHIP 4.7uH	
L1001	1-412-002-31	INDUCTOR CHIP 4.7uH	
L1002	1-412-002-31	INDUCTOR CHIP 4.7uH	

< TRANSISTOR >

Q901	8-729-354-52	TRANSISTOR 2SC2545	
Q902	8-729-354-52	TRANSISTOR 2SC2545	
Q1001	8-729-354-52	TRANSISTOR 2SC2545	
Q1002	8-729-354-52	TRANSISTOR 2SC2545	

< RESISTOR >

R901	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R902	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R903	1-208-462-61	RES,CHIP 10K 2%	1/10W
R904	1-208-462-61	RES,CHIP 10K 2%	1/10W
R905	1-216-619-11	METAL CHIP 47 0.5%	1/10W

R906	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R907	1-208-449-61	RES,CHIP 3.3K 2%	1/10W
R908	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R909	1-208-437-61	RES,CHIP 1K 2%	1/10W
R910	1-208-453-61	RES,CHIP 4.7K 2%	1/10W

R911	1-208-437-61	RES,CHIP 1K 2%	1/10W
R912	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R913	1-208-462-61	RES,CHIP 10K 2%	1/10W
R914	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R915	1-208-453-61	RES,CHIP 4.7K 2%	1/10W

R916	1-208-462-61	RES,CHIP 10K 2%	1/10W
R917	1-208-462-61	RES,CHIP 10K 2%	1/10W
R918	1-208-337-31	RES,CHIP 6.8 2%	1/10W
R919	1-208-774-11	RES,CHIP 470 2%	1/10W
R953	1-208-774-11	RES,CHIP 470 2%	1/10W

R1001	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R1002	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R1003	1-208-462-61	RES,CHIP 10K 2%	1/10W
R1004	1-208-462-61	RES,CHIP 10K 2%	1/10W
R1005	1-216-619-11	METAL CHIP 47 0.5%	1/10W

R1006	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R1007	1-208-449-61	RES,CHIP 3.3K 2%	1/10W
R1008	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W
R1009	1-208-437-61	RES,CHIP 1K 2%	1/10W
R1010	1-208-453-61	RES,CHIP 4.7K 2%	1/10W

CN5

CN6

CN7

Ref. No.	Part No.	Description	Remarks
R1011	1-208-437-61	RES,CHIP 1K 2%	1/10W
R1012	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R1013	1-208-462-61	RES,CHIP 10K 2%	1/10W
R1014	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R1015	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R1016	1-208-462-61	RES,CHIP 10K 2%	1/10W
R1017	1-208-462-61	RES,CHIP 10K 2%	1/10W
R1018	1-208-337-31	RES,CHIP 6.8 2%	1/10W
R1019	1-208-774-11	RES,CHIP 470 2%	1/10W
R1053	1-208-774-11	RES,CHIP 470 2%	1/10W

* A-4591-069-A CN6 BOARD, COMPLETE

< CAPACITOR >

C1101	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1102	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1103	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1104	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1201	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1202	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1203	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1204	1-163-251-11	CERAMIC CHIP 100PF 5%	50V

< CONNECTOR >

* CN1101 1-568-862-11 SOCKET, CONNECTOR 19P

< DIODE >

D1101	8-719-988-62	DIODE 1SS355
D1102	8-719-988-62	DIODE 1SS355
D1103	8-719-988-62	DIODE 1SS355
D1104	8-719-988-62	DIODE 1SS355
D1105	8-719-988-62	DIODE 1SS355
D1106	8-719-988-62	DIODE 1SS355
D1107	8-719-988-62	DIODE 1SS355
D1108	8-719-988-62	DIODE 1SS355
D1201	8-719-988-62	DIODE 1SS355
D1202	8-719-988-62	DIODE 1SS355
D1203	8-719-988-62	DIODE 1SS355
D1204	8-719-988-62	DIODE 1SS355
D1205	8-719-988-62	DIODE 1SS355
D1206	8-719-988-62	DIODE 1SS355
D1207	8-719-988-62	DIODE 1SS355
D1208	8-719-988-62	DIODE 1SS355
D1501	8-719-988-62	DIODE 1SS355
D1502	8-719-988-62	DIODE 1SS355
D1503	8-719-988-62	DIODE 1SS355
D1504	8-719-988-62	DIODE 1SS355
D1601	8-719-988-62	DIODE 1SS355
D1602	8-719-988-62	DIODE 1SS355
D1603	8-719-988-62	DIODE 1SS355
D1604	8-719-988-62	DIODE 1SS355

< JACK >

J1101	1-784-072-11	JACK 2P(STEREO IN:ST1)
J1201	1-784-072-11	JACK 2P(STEREO IN:ST2)
J1501	1-750-973-11	JACK (LARGE TYPE)(2 GANG)(STEREO IN:ST5)
J1601	1-770-272-11	JACK, PIN 2P(STEREO IN:ST6)

Ref. No.	Part No.	Description	Remarks
		< SWITCH >	

S1601 1-572-004-11 SWITCH, PUSH(+48V)

* A-4591-070-A CN7 BOARD, COMPLETE

< CAPACITOR >

C1301	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1302	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1303	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1304	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1401	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1402	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1403	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1404	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1701	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1702	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1801	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1802	1-163-251-11	CERAMIC CHIP 100PF 5%	50V
C1901	1-126-935-11	ELECT 470uF 20%	6.3V
C1902	1-126-935-11	ELECT 470uF 20%	6.3V

< CONNECTOR >

* CN1301 1-568-862-11 SOCKET, CONNECTOR 19P

< DIODE >

D1301	8-719-988-62	DIODE 1SS355
D1302	8-719-988-62	DIODE 1SS355
D1303	8-719-988-62	DIODE 1SS355
D1304	8-719-988-62	DIODE 1SS355
D1305	8-719-988-62	DIODE 1SS355
D1306	8-719-988-62	DIODE 1SS355
D1307	8-719-988-62	DIODE 1SS355
D1308	8-719-988-62	DIODE 1SS355
D1401	8-719-988-62	DIODE 1SS355
D1402	8-719-988-62	DIODE 1SS355
D1403	8-719-988-62	DIODE 1SS355
D1404	8-719-988-62	DIODE 1SS355
D1405	8-719-988-62	DIODE 1SS355
D1406	8-719-988-62	DIODE 1SS355
D1407	8-719-988-62	DIODE 1SS355
D1408	8-719-988-62	DIODE 1SS355
D1701	8-719-988-62	DIODE 1SS355
D1702	8-719-988-62	DIODE 1SS355
D1703	8-719-988-62	DIODE 1SS355
D1704	8-719-988-62	DIODE 1SS355
D1801	8-719-988-62	DIODE 1SS355
D1802	8-719-988-62	DIODE 1SS355
D1803	8-719-988-62	DIODE 1SS355
D1804	8-719-988-62	DIODE 1SS355
D1901	8-719-988-62	DIODE 1SS355
D1902	8-719-988-62	DIODE 1SS355
D1903	8-719-988-62	DIODE 1SS355
D1904	8-719-988-62	DIODE 1SS355

CN7

CN8

Ref. No.	Part No.	Description	Remarks
< JACK >			
J1301	1-784-072-11	JACK 2P(STEREO IN:ST3)	
J1401	1-784-072-11	JACK 2P(STEREO IN:ST4)	
J1701	1-750-973-11	JACK (LARGE TYPE)(2 GANG)(STEREO IN:ST7)	
J1801	1-770-272-11	JACK, PIN 2P(STEREO IN:ST8)	
J1901	1-750-973-11	JACK (LARGE TYPE) (2 GANG)(MONITOR OUT)	
< TRANSISTOR >			
Q1901	8-729-202-38	TRANSISTOR 2SC3326N	
Q1902	8-729-202-38	TRANSISTOR 2SC3326N	
< RESISTOR >			
R1901	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	

* A-4591-071-A CN8 BOARD, COMPLETE			

< CAPACITOR >			
C2001	1-126-935-11	ELECT 470uF 20% 6.3V	
C2002	1-126-935-11	ELECT 470uF 20% 6.3V	
C2003	1-126-935-11	ELECT 470uF 20% 6.3V	
C2004	1-126-935-11	ELECT 470uF 20% 6.3V	
C2005	1-126-935-11	ELECT 470uF 20% 6.3V	
C2006	1-126-935-11	ELECT 470uF 20% 6.3V	
C2007	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C2008	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C2009	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
C2010	1-163-251-11	CERAMIC CHIP 100PF 5% 50V	
< CONNECTOR >			
* CN2001	1-568-854-11	SOCKET, CONNECTOR 11P	
* CN2002	1-568-862-11	SOCKET, CONNECTOR 19P	
* CN2003	1-778-326-11	CONNECTOR (PLUG)(MASTER OUT L)	
* CN2004	1-778-326-11	CONNECTOR (PLUG)(MASTER OUT R)	
< DIODE >			
D2001	8-719-988-62	DIODE 1SS355	
D2002	8-719-988-62	DIODE 1SS355	
D2003	8-719-988-62	DIODE 1SS355	
D2004	8-719-988-62	DIODE 1SS355	
D2005	8-719-988-62	DIODE 1SS355	
D2006	8-719-988-62	DIODE 1SS355	
D2007	8-719-988-62	DIODE 1SS355	
D2008	8-719-988-62	DIODE 1SS355	
D2009	8-719-988-62	DIODE 1SS355	
D2010	8-719-988-62	DIODE 1SS355	
D2011	8-719-988-62	DIODE 1SS355	
D2012	8-719-988-62	DIODE 1SS355	
D2013	8-719-988-62	DIODE 1SS355	
D2014	8-719-988-62	DIODE 1SS355	
D2015	8-719-988-62	DIODE 1SS355	
D2016	8-719-988-62	DIODE 1SS355	
D2017	8-719-988-62	DIODE 1SS355	
D2018	8-719-988-62	DIODE 1SS355	
D2019	8-719-988-62	DIODE 1SS355	
D2020	8-719-988-62	DIODE 1SS355	

Ref. No.	Part No.	Description	Remarks
D2021	8-719-988-62	DIODE 1SS355	
D2022	8-719-988-62	DIODE 1SS355	
D2023	8-719-988-62	DIODE 1SS355	
D2024	8-719-988-62	DIODE 1SS355	
D2025	8-719-988-62	DIODE 1SS355	
D2026	8-719-988-62	DIODE 1SS355	
D2027	8-719-988-62	DIODE 1SS355	
D2028	8-719-988-62	DIODE 1SS355	
D2029	8-719-988-62	DIODE 1SS355	
D2030	8-719-988-62	DIODE 1SS355	
D2031	8-719-988-62	DIODE 1SS355	
D2032	8-719-988-62	DIODE 1SS355	
D2033	8-719-988-62	DIODE 1SS355	
D2034	8-719-988-62	DIODE 1SS355	
D2035	8-719-988-62	DIODE 1SS355	
D2036	8-719-988-62	DIODE 1SS355	
D2037	8-719-988-62	DIODE 1SS355	
D2038	8-719-988-62	DIODE 1SS355	
D2039	8-719-988-62	DIODE 1SS355	
D2040	8-719-988-62	DIODE 1SS355	
D2041	8-719-988-62	DIODE 1SS355	
< JACK >			
J2001	1-750-973-11	JACK (LARGE TYPE) (2 GANG)(AUX OUT 1/2)	
J2002	1-750-973-11	JACK (LARGE TYPE) (2 GANG)(AUX OUT 3/4)	
J2003	1-750-973-11	JACK (LARGE TYPE) (2 GANG)(AUX OUT 5/6)	
J2004	1-750-973-11	JACK (LARGE TYPE) (2 GANG)(AUX OUT 7/8)	
J2005	1-750-973-11	JACK (LARGE TYPE) (2 GANG)(INSERT)	
J2006	1-695-188-31	JACK, PIN 4P(2TR IN/OUT)	
< JUMPER RESISTOR >			
JW2001	1-216-295-91	SHORT 0	
JW2002	1-216-295-91	SHORT 0	
JW2003	1-216-295-91	SHORT 0	
JW2004	1-216-295-91	SHORT 0	
JW2014	1-216-295-91	SHORT 0	
< TRANSISTOR >			
Q2001	8-729-202-38	TRANSISTOR 2SC3326N	
Q2002	8-729-202-38	TRANSISTOR 2SC3326N	
Q2011	8-729-202-38	TRANSISTOR 2SC3326N	
Q2012	8-729-202-38	TRANSISTOR 2SC3326N	
Q2013	8-729-202-38	TRANSISTOR 2SC3326N	
Q2014	8-729-202-38	TRANSISTOR 2SC3326N	
Q2015	8-729-202-38	TRANSISTOR 2SC3326N	
Q2016	8-729-202-38	TRANSISTOR 2SC3326N	
Q2017	8-729-202-38	TRANSISTOR 2SC3326N	
Q2018	8-729-202-38	TRANSISTOR 2SC3326N	
< RESISTOR >			
R2001	1-208-462-61	RES,CHIP 10K 2% 1/10W	
R2002	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R2003	1-208-437-61	RES,CHIP 1K 2% 1/10W	
R2006	1-208-774-11	RES,CHIP 470 2% 1/10W	
R2008	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R2010	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R2012	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R2014	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R2016	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	
R2018	1-208-453-61	RES,CHIP 4.7K 2% 1/10W	

CN8

HP

PS

Ref. No.	Part No.	Description	Remarks
R2020	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R2022	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R2023	1-208-774-11	RES,CHIP 470 2%	1/10W

< RELAY >

RY2001 1-515-796-11 RELAY

* A-4591-073-A HP BOARD, COMPLETE

< CAPACITOR >

C4001	1-104-664-11	ELECT 47uF 20%	25V
C4002	1-126-964-11	ELECT 10uF 20%	50V
C4003	1-126-964-11	ELECT 10uF 20%	50V
C4004	1-104-664-11	ELECT 47uF 20%	25V

< CONNECTOR >

* CN4001 1-568-826-11 SOCKET, CONNECTOR 7P

< DIODE >

D838	8-719-988-62	DIODE 1SS355
D839	8-719-988-62	DIODE 1SS355
D840	8-719-988-62	DIODE 1SS355
D841	8-719-988-62	DIODE 1SS355
D4001	8-719-988-62	DIODE 1SS355

< IC >

IC4001	8-759-711-85	IC NJM4580E-D
IC4002	8-759-711-85	IC NJM4580E-D

< JACK >

J4001 1-507-796-71 JACK(PHONES)

< JUMPER RESISTOR >

JW4006 1-216-295-91 SHORT 0

< RESISTOR >

R4001	1-216-295-91	SHORT	0			
R4002	1-208-462-61	RES,CHIP	10K	2%	1/10W	
R4003	1-216-295-91	SHORT	0			
R4004	1-208-462-61	RES,CHIP	10K	2%	1/10W	
R4005	1-216-635-11	METAL CHIP	220	0.5%	1/10W	
R4006	1-216-635-11	METAL CHIP	220	0.5%	1/10W	
R4007	1-216-635-11	METAL CHIP	220	0.5%	1/10W	
R4008	1-216-635-11	METAL CHIP	220	0.5%	1/10W	

< RELAY >

RY4001 1-515-796-11 RELAY

* A-4591-074-A PS BOARD, COMPLETE

* 4-921-402-01 HEAT SINK
7-682-549-09 SCREW +B 3X10

Ref. No.	Part No.	Description	Remarks
< CAPACITOR >			

C3001	1-126-967-11	ELECT 47uF 20%	50V
C3002	1-104-664-11	ELECT 47uF 20%	25V
C3003	1-104-664-11	ELECT 47uF 20%	25V
C3004	1-128-556-11	ELECT 1000uF 20%	63V
C3005	1-126-953-11	ELECT 2200uF 20%	35V

C3006	1-126-953-11	ELECT 2200uF 20%	35V
C3007	1-128-556-11	ELECT 1000uF 20%	63V
C3010	1-125-741-11	ELECT(BLOCK) 12000uF 20%	25V
C3011	1-125-741-11	ELECT(BLOCK) 12000uF 20%	25V
C3013	1-128-567-51	ELECT 1000uF 20%	100V

△C3018	1-113-924-11	CERAMIC 0.0047uF 20%	250V
C3019	1-164-232-11	CERAMIC CHIP 0.01uF	50V
C3020	1-164-232-11	CERAMIC CHIP 0.01uF	50V

< CONNECTOR >

* CN3001	1-564-915-11	PIN, CONNECTOR 7P
* CN3002	1-564-242-00	PIN, CONNECTOR 5P
CN3003	1-564-321-00	PIN, CONNECTOR 2P
CN3004	1-564-321-00	PIN, CONNECTOR 2P
CN3005	1-564-321-00	PIN, CONNECTOR 2P

< DIODE >

D3001	8-719-988-62	DIODE 1SS355
D3002	8-719-988-62	DIODE 1SS355
D3003	8-719-022-90	DIODE MA8160M
D3004	8-719-988-62	DIODE 1SS355
D3005	8-719-423-17	DIODE MA8110

D3006	8-719-018-12	DIODE MA8330-L-TX
D3007	8-719-022-90	DIODE MA8160M
D3008	8-719-022-90	DIODE MA8160M
D3009	8-719-987-67	DIODE 11EFS2
D3010	8-719-987-67	DIODE 11EFS2

D3011	8-719-312-47	DIODE RBA-406B
D3012	8-719-987-67	DIODE 11EFS2

< TRANSISTOR >

Q3001	8-729-042-18	TRANSISTOR 2SD2488-P
Q3002	8-729-042-21	TRANSISTOR 2SB1620-P
Q3005	8-729-029-94	TRANSISTOR DTC143TSA
Q3006	8-729-017-06	TRANSISTOR 2SC4793
Q3007	8-729-207-46	TRANSISTOR 2SC3112B-TPE2

< RESISTOR >

R3001	1-208-526-61	RES,CHIP 47K 2%	1/10W
R3002	1-208-462-61	RES,CHIP 10K 2%	1/10W
R3003	1-216-619-11	METAL CHIP 47 0.5%	1/10W
R3004	1-216-619-11	METAL CHIP 47 0.5%	1/10W
R3005	1-216-619-11	METAL CHIP 47 0.5%	1/10W

R3006	1-208-365-61	RES,CHIP 100 2%	1/10W
R3007	1-208-462-61	RES,CHIP 10K 2%	1/10W
R3008	1-208-437-61	RES,CHIP 1K 2%	1/10W
R3009	1-208-437-61	RES,CHIP 1K 2%	1/10W
R3010	1-208-462-61	RES,CHIP 10K 2%	1/10W

△印の部品、または△印付の点線で囲まれた部品は、安全性を維持するために、重要な部品です。従って交換時は、必ず指定の部品を使用して下さい。

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remarks
		< THERMISTOR(POSITIVE) >	
△ THP301	1-801-454-11	THERMISTOR, POSITIVE	
△ THP302	1-801-454-11	THERMISTOR, POSITIVE	
△ THP303	1-202-852-00	THERMISTOR, POSITIVE	
△ THP304	1-202-856-00	THERMISTOR, POSITIVE	

*	A-4591-061-A	MASTER BOARD, COMPLETE	

		< BUS BAR >	
* BB301	1-560-242-81	BUS BAR 8P	
		< CAPACITOR >	
C101	1-104-664-11	ELECT	47uF 20% 25V
C104	1-104-664-11	ELECT	47uF 20% 25V
C105	1-126-964-11	ELECT	10uF 20% 50V
C106	1-126-964-11	ELECT	10uF 20% 50V
C109	1-126-934-11	ELECT	220uF 20% 10V
C110	1-126-934-11	ELECT	220uF 20% 10V
C111	1-126-934-11	ELECT	220uF 20% 10V
C112	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C114	1-126-934-11	ELECT	220uF 20% 10V
C115	1-126-934-11	ELECT	220uF 20% 10V
C116	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C118	1-126-934-11	ELECT	220uF 20% 10V
C119	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C120	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C202	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C204	1-126-934-11	ELECT	220uF 20% 10V
C206	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C208	1-126-934-11	ELECT	220uF 20% 10V
C210	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C212	1-126-934-11	ELECT	220uF 20% 10V
C214	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C216	1-126-934-11	ELECT	220uF 20% 10V
C301	1-104-664-11	ELECT	47uF 20% 25V
C302	1-126-964-11	ELECT	10uF 20% 50V
C303	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C304	1-126-964-11	ELECT	10uF 20% 50V
C306	1-126-934-11	ELECT	220uF 20% 10V
C307	1-126-964-11	ELECT	10uF 20% 50V
C308	1-104-664-11	ELECT	47uF 20% 25V
C309	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C310	1-126-964-11	ELECT	10uF 20% 50V
C312	1-126-934-11	ELECT	220uF 20% 10V
C313	1-126-964-11	ELECT	10uF 20% 50V
C314	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C315	1-126-964-11	ELECT	10uF 20% 50V
C317	1-126-934-11	ELECT	220uF 20% 10V
C318	1-126-964-11	ELECT	10uF 20% 50V
C319	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C320	1-126-964-11	ELECT	10uF 20% 50V
C322	1-126-934-11	ELECT	220uF 20% 10V

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従って交換時は, 必ず指定の部品を使用して下さい。

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remarks
C401	1-126-964-11	ELECT	10uF 20% 50V
C402	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C403	1-126-964-11	ELECT	10uF 20% 50V
C405	1-126-934-11	ELECT	220uF 20% 10V
C406	1-126-964-11	ELECT	10uF 20% 50V
C407	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C408	1-126-964-11	ELECT	10uF 20% 50V
C410	1-126-934-11	ELECT	220uF 20% 10V
C411	1-126-964-11	ELECT	10uF 20% 50V
C412	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C413	1-126-964-11	ELECT	10uF 20% 50V
C415	1-126-934-11	ELECT	220uF 20% 10V
C416	1-126-964-11	ELECT	10uF 20% 50V
C417	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C418	1-126-964-11	ELECT	10uF 20% 50V
C420	1-126-934-11	ELECT	220uF 20% 10V
C501	1-104-664-11	ELECT	47uF 20% 25V
C502	1-104-664-11	ELECT	47uF 20% 25V
C504	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C506	1-126-964-11	ELECT	10uF 20% 50V
C507	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C508	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C512	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C514	1-126-964-11	ELECT	10uF 20% 50V
C515	1-126-933-11	ELECT	100uF 20% 16V
C516	1-126-933-11	ELECT	100uF 20% 16V
C517	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C518	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C601	1-104-664-11	ELECT	47uF 20% 25V
C602	1-104-664-11	ELECT	47uF 20% 25V
C603	1-104-664-11	ELECT	47uF 20% 25V
C604	1-104-664-11	ELECT	47uF 20% 25V
C607	1-126-934-11	ELECT	220uF 20% 10V
C608	1-126-934-11	ELECT	220uF 20% 10V
C609	1-126-964-11	ELECT	10uF 20% 50V
C610	1-126-964-11	ELECT	10uF 20% 50V
C611	1-126-935-11	ELECT	470uF 20% 6.3V
C612	1-126-935-11	ELECT	470uF 20% 6.3V
C613	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C614	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C615	1-126-934-11	ELECT	220uF 20% 10V
C616	1-126-934-11	ELECT	220uF 20% 10V
C617	1-126-934-11	ELECT	220uF 20% 10V
C618	1-126-934-11	ELECT	220uF 20% 10V
C621	1-126-964-11	ELECT	10uF 20% 50V
C622	1-126-964-11	ELECT	10uF 20% 50V
C625	1-126-933-11	ELECT	100uF 20% 16V
C626	1-126-933-11	ELECT	100uF 20% 16V
C627	1-126-963-11	ELECT	4.7uF 20% 50V
C628	1-126-960-11	ELECT	1uF 20% 50V
C629	1-126-963-11	ELECT	4.7uF 20% 50V
C630	1-126-960-11	ELECT	1uF 20% 50V
C631	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C632	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C633	1-136-165-00	FILM	0.1uF 5% 50V
C901	1-136-165-00	FILM	0.1uF 5% 50V
C902	1-136-165-00	FILM	0.1uF 5% 50V
C903	1-126-964-11	ELECT	10uF 20% 50V
C904	1-130-487-00	MYLAR	0.022uF 5% 50V
C905	1-130-483-00	MYLAR	0.01uF 5% 50V

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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
C906	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1136	1-126-934-11	ELECT	220uF 20% 10V
C907	1-104-664-11	ELECT	47uF 20% 25V	C1137	1-126-934-11	ELECT	220uF 20% 10V
C908	1-104-664-11	ELECT	47uF 20% 25V	C1138	1-104-664-11	ELECT	47uF 20% 25V
C909	1-130-477-00	MYLAR	0.0033uF 5% 50V	C1139	1-104-664-11	ELECT	47uF 20% 25V
C910	1-126-960-11	ELECT	1uF 20% 50V	C1201	1-126-964-11	ELECT	10uF 20% 50V
C911	1-136-167-00	FILM	0.15uF 5% 50V	C1202	1-126-964-11	ELECT	10uF 20% 50V
C912	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1207	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C913	1-126-934-11	ELECT	220uF 20% 10V	C1208	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C916	1-126-964-11	ELECT	10uF 20% 50V	C1209	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C917	1-104-664-11	ELECT	47uF 20% 25V	C1210	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C918	1-104-664-11	ELECT	47uF 20% 25V	C1211	1-126-933-11	ELECT	100uF 20% 16V
C919	1-126-935-11	ELECT	470uF 20% 6.3V	C1212	1-126-933-11	ELECT	100uF 20% 16V
C1001	1-136-165-00	FILM	0.1uF 5% 50V	C1213	1-104-664-11	ELECT	47uF 20% 25V
C1002	1-136-165-00	FILM	0.1uF 5% 50V	C1214	1-104-664-11	ELECT	47uF 20% 25V
C1003	1-126-964-11	ELECT	10uF 20% 50V	C1215	1-130-483-00	MYLAR	0.01uF 5% 50V
C1004	1-130-487-00	MYLAR	0.022uF 5% 50V	C1216	1-130-483-00	MYLAR	0.01uF 5% 50V
C1005	1-130-483-00	MYLAR	0.01uF 5% 50V	C1217	1-106-351-00	MYLAR	2200PF 5% 200V
C1006	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1218	1-106-351-00	MYLAR	2200PF 5% 200V
C1007	1-104-664-11	ELECT	47uF 20% 25V	C1219	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C1008	1-104-664-11	ELECT	47uF 20% 25V	C1220	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C1009	1-130-477-00	MYLAR	0.0033uF 5% 50V	C1221	1-130-477-00	MYLAR	0.0033uF 5% 50V
C1010	1-126-960-11	ELECT	1uF 20% 50V	C1222	1-130-477-00	MYLAR	0.0033uF 5% 50V
C1011	1-136-167-00	FILM	0.15uF 5% 50V	C1223	1-126-960-11	ELECT	1uF 20% 50V
C1012	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1224	1-126-960-11	ELECT	1uF 20% 50V
C1013	1-126-934-11	ELECT	220uF 20% 10V	C1225	1-136-167-00	FILM	0.15uF 5% 50V
C1016	1-126-964-11	ELECT	10uF 20% 50V	C1226	1-136-167-00	FILM	0.15uF 5% 50V
C1017	1-104-664-11	ELECT	47uF 20% 25V	C1227	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C1018	1-104-664-11	ELECT	47uF 20% 25V	C1228	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C1019	1-126-935-11	ELECT	470uF 20% 6.3V	C1229	1-126-934-11	ELECT	220uF 20% 10V
C1101	1-126-964-11	ELECT	10uF 20% 50V	C1230	1-126-934-11	ELECT	220uF 20% 10V
C1102	1-126-964-11	ELECT	10uF 20% 50V	C1231	1-126-964-11	ELECT	10uF 20% 50V
C1107	1-163-243-11	CERAMIC CHIP	47PF 5% 50V	C1232	1-126-964-11	ELECT	10uF 20% 50V
C1108	1-163-243-11	CERAMIC CHIP	47PF 5% 50V	C1233	1-126-933-11	ELECT	100uF 20% 16V
C1109	1-163-243-11	CERAMIC CHIP	47PF 5% 50V	C1234	1-126-964-11	ELECT	10uF 20% 50V
C1110	1-163-243-11	CERAMIC CHIP	47PF 5% 50V	C1235	1-126-933-11	ELECT	100uF 20% 16V
C1111	1-126-933-11	ELECT	100uF 20% 16V	C1236	1-126-934-11	ELECT	220uF 20% 10V
C1112	1-126-933-11	ELECT	100uF 20% 16V	C1237	1-126-934-11	ELECT	220uF 20% 10V
C1113	1-104-664-11	ELECT	47uF 20% 25V	C1238	1-104-664-11	ELECT	47uF 20% 25V
C1114	1-104-664-11	ELECT	47uF 20% 25V	C1239	1-104-664-11	ELECT	47uF 20% 25V
C1115	1-130-483-00	MYLAR	0.01uF 5% 50V	C1301	1-126-964-11	ELECT	10uF 20% 50V
C1116	1-130-483-00	MYLAR	0.01uF 5% 50V	C1302	1-126-964-11	ELECT	10uF 20% 50V
C1117	1-106-351-00	MYLAR	2200PF 5% 200V	C1307	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C1118	1-106-351-00	MYLAR	2200PF 5% 200V	C1308	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C1119	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1309	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C1120	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1310	1-163-243-11	CERAMIC CHIP	47PF 5% 50V
C1121	1-130-477-00	MYLAR	0.0033uF 5% 50V	C1311	1-126-933-11	ELECT	100uF 20% 16V
C1122	1-130-477-00	MYLAR	0.0033uF 5% 50V	C1312	1-126-933-11	ELECT	100uF 20% 16V
C1123	1-126-960-11	ELECT	1uF 20% 50V	C1313	1-104-664-11	ELECT	47uF 20% 25V
C1124	1-126-960-11	ELECT	1uF 20% 50V	C1314	1-104-664-11	ELECT	47uF 20% 25V
C1125	1-136-167-00	FILM	0.15uF 5% 50V	C1315	1-130-483-00	MYLAR	0.01uF 5% 50V
C1126	1-136-167-00	FILM	0.15uF 5% 50V	C1316	1-130-483-00	MYLAR	0.01uF 5% 50V
C1127	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1317	1-106-351-00	MYLAR	2200PF 5% 200V
C1128	1-163-235-11	CERAMIC CHIP	22PF 5% 50V	C1318	1-106-351-00	MYLAR	2200PF 5% 200V
C1129	1-126-934-11	ELECT	220uF 20% 10V	C1319	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C1130	1-126-934-11	ELECT	220uF 20% 10V	C1320	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C1131	1-126-964-11	ELECT	10uF 20% 50V	C1321	1-130-477-00	MYLAR	0.0033uF 5% 50V
C1132	1-126-964-11	ELECT	10uF 20% 50V	C1322	1-130-477-00	MYLAR	0.0033uF 5% 50V
C1133	1-126-933-11	ELECT	100uF 20% 16V	C1323	1-126-960-11	ELECT	1uF 20% 50V
C1134	1-126-964-11	ELECT	10uF 20% 50V	C1324	1-126-960-11	ELECT	1uF 20% 50V
C1135	1-126-933-11	ELECT	100uF 20% 16V	C1325	1-136-167-00	FILM	0.15uF 5% 50V

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Ref. No.	Part No.	Description	Remarks
C1326	1-136-167-00	FILM 0.15uF 5%	50V
C1327	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C1328	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C1329	1-126-934-11	ELECT 220uF 20%	10V
C1330	1-126-934-11	ELECT 220uF 20%	10V
C1331	1-126-964-11	ELECT 10uF 20%	50V
C1332	1-126-964-11	ELECT 10uF 20%	50V
C1333	1-126-933-11	ELECT 100uF 20%	16V
C1334	1-126-964-11	ELECT 10uF 20%	50V
C1335	1-126-933-11	ELECT 100uF 20%	16V
C1336	1-126-934-11	ELECT 220uF 20%	10V
C1337	1-126-934-11	ELECT 220uF 20%	10V
C1338	1-104-664-11	ELECT 47uF 20%	25V
C1339	1-104-664-11	ELECT 47uF 20%	25V
C1401	1-126-964-11	ELECT 10uF 20%	50V
C1402	1-126-964-11	ELECT 10uF 20%	50V
C1407	1-163-243-11	CERAMIC CHIP 47PF 5%	50V
C1408	1-163-243-11	CERAMIC CHIP 47PF 5%	50V
C1409	1-163-243-11	CERAMIC CHIP 47PF 5%	50V
C1410	1-163-243-11	CERAMIC CHIP 47PF 5%	50V
C1411	1-126-933-11	ELECT 100uF 20%	16V
C1412	1-126-933-11	ELECT 100uF 20%	16V
C1413	1-104-664-11	ELECT 47uF 20%	25V
C1414	1-104-664-11	ELECT 47uF 20%	25V
C1415	1-130-483-00	MYLAR 0.01uF 5%	50V
C1416	1-130-483-00	MYLAR 0.01uF 5%	50V
C1417	1-106-351-00	MYLAR 2200PF 5%	200V
C1418	1-106-351-00	MYLAR 2200PF 5%	200V
C1419	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C1420	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C1421	1-130-477-00	MYLAR 0.0033uF 5%	50V
C1422	1-130-477-00	MYLAR 0.0033uF 5%	50V
C1423	1-126-960-11	ELECT 1uF 20%	50V
C1424	1-126-960-11	ELECT 1uF 20%	50V
C1425	1-136-167-00	FILM 0.15uF 5%	50V
C1426	1-136-167-00	FILM 0.15uF 5%	50V
C1427	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C1428	1-163-235-11	CERAMIC CHIP 22PF 5%	50V
C1429	1-126-934-11	ELECT 220uF 20%	10V
C1430	1-126-934-11	ELECT 220uF 20%	10V
C1431	1-126-964-11	ELECT 10uF 20%	50V
C1432	1-126-964-11	ELECT 10uF 20%	50V
C1433	1-126-933-11	ELECT 100uF 20%	16V
C1434	1-126-964-11	ELECT 10uF 20%	50V
C1435	1-126-933-11	ELECT 100uF 20%	16V
C1436	1-126-934-11	ELECT 220uF 20%	10V
C1437	1-126-934-11	ELECT 220uF 20%	10V
C1438	1-104-664-11	ELECT 47uF 20%	25V
C1439	1-104-664-11	ELECT 47uF 20%	25V
< CONNECTOR >			
CN801	1-691-646-11	SOCKET, CONNECTOR 11P	
CN803	1-691-650-11	SOCKET, CONNECTOR 19P	
CN804	1-691-644-11	SOCKET, CONNECTOR 7P	
* CN901	1-568-858-11	SOCKET, CONNECTOR 15P	
CN902	1-691-752-11	SOCKET, CONNECTOR 12P	
CN903	1-691-648-11	SOCKET, CONNECTOR 15P	
CN904	1-691-650-11	SOCKET, CONNECTOR 19P	
* CN1101	1-568-862-11	SOCKET, CONNECTOR 19P	
* CN1301	1-568-862-11	SOCKET, CONNECTOR 19P	

Ref. No.	Part No.	Description	Remarks
< DIODE >			
D601	8-719-988-62	DIODE 1SS355	
D602	8-719-423-17	DIODE MA8110	
D603	8-719-423-17	DIODE MA8110	
D604	8-719-988-62	DIODE 1SS355	
D605	8-719-988-62	DIODE 1SS355	
D606	8-719-988-62	DIODE 1SS355	
D607	8-719-988-62	DIODE 1SS355	
D608	8-719-988-62	DIODE 1SS355	
D609	8-719-988-62	DIODE 1SS355	
D701	8-719-988-62	DIODE 1SS355	
D702	8-719-988-62	DIODE 1SS355	
D703	8-719-988-62	DIODE 1SS355	
D704	8-719-988-62	DIODE 1SS355	
D705	8-719-050-89	DIODE SEL2910A-D-TH10(PK)	
D706	8-719-050-89	DIODE SEL2910A-D-TH10(VU)	
D707	8-719-050-89	DIODE SEL2910A-D-TH10(PFL)	
D708	8-719-301-42	DIODE SEL2410E(PK)	
D709	8-719-313-43	DIODE SEL6210S-TH10(+48V)	
D710	8-719-300-93	DIODE SEL1320G-C(-10)	
D711	8-719-300-93	DIODE SEL1320G-C(0)	
D712	8-719-300-93	DIODE SEL1320G-C(+3)	
D713	8-719-300-93	DIODE SEL1320G-C(+5)	
D714	8-719-300-93	DIODE SEL1320G-C(+7)	
D715	8-719-300-93	DIODE SEL1320G-C(+9)	
D716	8-719-915-45	DIODE SLP162B(+10)	
D717	8-719-915-45	DIODE SLP162B(+11)	
D718	8-719-915-45	DIODE SLP162B(+13)	
D719	8-719-915-45	DIODE SLP162B(+15)	
D720	8-719-988-62	DIODE 1SS355	
D721	8-719-988-62	DIODE 1SS355	
D722	8-719-988-62	DIODE 1SS355	
D723	8-719-988-62	DIODE 1SS355	
D724	8-719-988-62	DIODE 1SS355	
D725	8-719-988-62	DIODE 1SS355	
D726	8-719-988-62	DIODE 1SS355	
D727	8-719-988-62	DIODE 1SS355	
D728	8-719-988-62	DIODE 1SS355	
D729	8-719-988-62	DIODE 1SS355	
D730	8-719-988-62	DIODE 1SS355	
D731	8-719-988-62	DIODE 1SS355	
D732	8-719-988-62	DIODE 1SS355	
D733	8-719-988-62	DIODE 1SS355	
D734	8-719-988-62	DIODE 1SS355	
D735	8-719-988-62	DIODE 1SS355	
D736	8-719-988-62	DIODE 1SS355	
D737	8-719-988-62	DIODE 1SS355	
D738	8-719-988-62	DIODE 1SS355	
D739	8-719-988-62	DIODE 1SS355	
D740	8-719-300-93	DIODE SEL1320G-C(-20)	
D741	8-719-300-93	DIODE SEL1320G-C(-10)	
D742	8-719-300-93	DIODE SEL1320G-C(-7)	
D743	8-719-300-93	DIODE SEL1320G-C(-5)	
D744	8-719-300-93	DIODE SEL1320G-C(-3)	
D745	8-719-300-93	DIODE SEL1320G-C(-1)	
D746	8-719-915-45	DIODE SLP162B(0)	

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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
D747	8-719-915-45	DIODE SLP162B(+1)		IC505	8-759-711-85	IC NJM4580E-D	
D748	8-719-915-45	DIODE SLP162B(+3)		IC601	8-759-711-85	IC NJM4580E-D	
D749	8-719-915-45	DIODE SLP162B(+5)		IC602	8-759-711-85	IC NJM4580E-D	
D750	8-719-988-62	DIODE 1SS355		IC604	8-759-711-85	IC NJM4580E-D	
D751	8-719-988-62	DIODE 1SS355		IC605	8-759-711-85	IC NJM4580E-D	
D752	8-719-988-62	DIODE 1SS355		IC606	8-759-711-85	IC NJM4580E-D	
D902	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH9)		IC607	8-759-711-85	IC NJM4580E-D	
D903	8-719-988-62	DIODE 1SS355		IC608	8-759-711-85	IC NJM4580E-D	
D1002	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH10)		IC701	8-759-981-75	IC RC3403AM	
D1003	8-719-988-62	DIODE 1SS355		IC702	8-759-981-75	IC RC3403AM	
D1101	8-719-313-43	DIODE SEL6210S-TH10(PEAK:ST5)		IC703	8-759-981-75	IC RC3403AM	
D1102	8-719-988-62	DIODE 1SS355		IC704	8-759-981-75	IC RC3403AM	
D1103	8-719-988-62	DIODE 1SS355		IC705	8-759-981-75	IC RC3403AM	
D1104	8-719-988-62	DIODE 1SS355		IC901	8-759-711-85	IC NJM4580E-D	
D1105	8-719-988-62	DIODE 1SS355		IC902	8-759-711-85	IC NJM4580E-D	
D1106	8-719-988-62	DIODE 1SS355		IC903	8-759-711-85	IC NJM4580E-D	
D1201	8-719-313-43	DIODE SEL6210S-TH10(PEAK:ST6)		IC1001	8-759-711-85	IC NJM4580E-D	
D1202	8-719-988-62	DIODE 1SS355		IC1002	8-759-711-85	IC NJM4580E-D	
D1203	8-719-988-62	DIODE 1SS355		IC1003	8-759-711-85	IC NJM4580E-D	
D1204	8-719-988-62	DIODE 1SS355		IC1101	8-759-711-85	IC NJM4580E-D	
D1205	8-719-988-62	DIODE 1SS355		IC1102	8-759-711-85	IC NJM4580E-D	
D1206	8-719-988-62	DIODE 1SS355		IC1103	8-759-711-85	IC NJM4580E-D	
D1301	8-719-313-43	DIODE SEL6210S-TH10(PEAK:ST7)		IC1104	8-759-711-85	IC NJM4580E-D	
D1302	8-719-988-62	DIODE 1SS355		IC1105	8-759-711-85	IC NJM4580E-D	
D1303	8-719-988-62	DIODE 1SS355		IC1106	8-759-711-85	IC NJM4580E-D	
D1304	8-719-988-62	DIODE 1SS355		IC1201	8-759-711-85	IC NJM4580E-D	
D1305	8-719-988-62	DIODE 1SS355		IC1202	8-759-711-85	IC NJM4580E-D	
D1306	8-719-988-62	DIODE 1SS355		IC1203	8-759-711-85	IC NJM4580E-D	
D1401	8-719-313-43	DIODE SEL6210S-TH10(PEAK:ST8)		IC1204	8-759-711-85	IC NJM4580E-D	
D1402	8-719-988-62	DIODE 1SS355		IC1205	8-759-711-85	IC NJM4580E-D	
D1403	8-719-988-62	DIODE 1SS355		IC1206	8-759-711-85	IC NJM4580E-D	
D1404	8-719-988-62	DIODE 1SS355		IC1301	8-759-711-85	IC NJM4580E-D	
D1405	8-719-988-62	DIODE 1SS355		IC1302	8-759-711-85	IC NJM4580E-D	
D1406	8-719-988-62	DIODE 1SS355		IC1303	8-759-711-85	IC NJM4580E-D	
		< IC >		IC1304	8-759-711-85	IC NJM4580E-D	
IC101	8-759-711-85	IC NJM4580E-D		IC1305	8-759-711-85	IC NJM4580E-D	
IC102	8-759-711-85	IC NJM4580E-D		IC1306	8-759-711-85	IC NJM4580E-D	
IC103	8-759-711-85	IC NJM4580E-D		IC1401	8-759-711-85	IC NJM4580E-D	
IC104	8-759-711-85	IC NJM4580E-D		IC1402	8-759-711-85	IC NJM4580E-D	
IC105	8-759-711-85	IC NJM4580E-D		IC1403	8-759-711-85	IC NJM4580E-D	
IC201	8-759-711-85	IC NJM4580E-D		IC1404	8-759-711-85	IC NJM4580E-D	
IC202	8-759-711-85	IC NJM4580E-D		IC1405	8-759-711-85	IC NJM4580E-D	
IC203	8-759-711-85	IC NJM4580E-D		IC1406	8-759-711-85	IC NJM4580E-D	
IC204	8-759-711-85	IC NJM4580E-D				< TRANSISTOR >	
IC301	8-759-711-85	IC NJM4580E-D		Q601	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC302	8-759-711-85	IC NJM4580E-D		Q602	8-729-109-44	TRANSISTOR 2SK94	
IC303	8-759-711-85	IC NJM4580E-D		Q603	8-729-109-44	TRANSISTOR 2SK94	
IC304	8-759-711-85	IC NJM4580E-D		Q701	8-729-201-53	TRANSISTOR 2SA1015-GR	
IC305	8-759-711-85	IC NJM4580E-D		Q702	8-729-201-53	TRANSISTOR 2SA1015-GR	
IC306	8-759-711-85	IC NJM4580E-D		Q703	8-729-201-53	TRANSISTOR 2SA1015-GR	
IC401	8-759-711-85	IC NJM4580E-D		Q901	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC402	8-759-711-85	IC NJM4580E-D		Q902	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC403	8-759-711-85	IC NJM4580E-D		Q1001	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC404	8-759-711-85	IC NJM4580E-D		Q1002	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC405	8-759-711-85	IC NJM4580E-D		Q1101	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC406	8-759-711-85	IC NJM4580E-D		Q1102	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC501	8-759-711-85	IC NJM4580E-D		Q1103	8-729-109-44	TRANSISTOR 2SK94	
IC502	8-759-711-85	IC NJM4580E-D		Q1104	8-729-109-44	TRANSISTOR 2SK94	
IC503	8-759-711-85	IC NJM4580E-D		Q1201	8-729-230-49	TRANSISTOR 2SC2712-YG	
IC504	8-759-711-85	IC NJM4580E-D					

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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
Q1202	8-729-230-49	TRANSISTOR 2SC2712-YG		R224	1-208-365-61	RES,CHIP 100 2%	1/10W
Q1203	8-729-109-44	TRANSISTOR 2SK94		R302	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q1204	8-729-109-44	TRANSISTOR 2SK94		R303	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
Q1301	8-729-230-49	TRANSISTOR 2SC2712-YG		R304	1-208-526-61	RES,CHIP 47K 2%	1/10W
Q1302	8-729-230-49	TRANSISTOR 2SC2712-YG		R305	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
Q1303	8-729-109-44	TRANSISTOR 2SK94		R306	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
Q1304	8-729-109-44	TRANSISTOR 2SK94		R307	1-208-810-11	RES,CHIP 15K 2%	1/10W
Q1401	8-729-230-49	TRANSISTOR 2SC2712-YG		R308	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q1402	8-729-230-49	TRANSISTOR 2SC2712-YG		R309	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q1403	8-729-109-44	TRANSISTOR 2SK94		R311	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q1404	8-729-109-44	TRANSISTOR 2SK94		R312	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
Q1501	8-729-201-53	TRANSISTOR 2SA1015-GR		R313	1-208-526-61	RES,CHIP 47K 2%	1/10W
< RESISTOR >				R314	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
R101	1-216-659-11	METAL CHIP 2.2K 0.5%	1/10W	R315	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
R102	1-216-659-11	METAL CHIP 2.2K 0.5%	1/10W	R316	1-208-810-11	RES,CHIP 15K 2%	1/10W
R103	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W	R317	1-208-462-61	RES,CHIP 10K 2%	1/10W
R104	1-208-784-11	RES,CHIP 1.2K 2%	1/10W	R318	1-208-462-61	RES,CHIP 10K 2%	1/10W
R105	1-208-457-11	RES,CHIP 6.2K 2%	1/10W	R320	1-208-462-61	RES,CHIP 10K 2%	1/10W
R106	1-216-671-11	METAL CHIP 6.8K 0.5%	1/10W	R321	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
R107	1-208-784-11	RES,CHIP 1.2K 2%	1/10W	R322	1-208-526-61	RES,CHIP 47K 2%	1/10W
R108	1-208-457-11	RES,CHIP 6.2K 2%	1/10W	R323	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
R109	1-216-665-11	METAL CHIP 3.9K 0.5%	1/10W	R324	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
R110	1-216-665-11	METAL CHIP 3.9K 0.5%	1/10W	R325	1-208-810-11	RES,CHIP 15K 2%	1/10W
R111	1-208-457-11	RES,CHIP 6.2K 2%	1/10W	R326	1-208-462-61	RES,CHIP 10K 2%	1/10W
R112	1-208-457-11	RES,CHIP 6.2K 2%	1/10W	R327	1-208-462-61	RES,CHIP 10K 2%	1/10W
R113	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R329	1-208-462-61	RES,CHIP 10K 2%	1/10W
R114	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R330	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
R115	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R331	1-208-526-61	RES,CHIP 47K 2%	1/10W
R116	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R332	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
R117	1-216-677-11	METAL CHIP 12K 0.5%	1/10W	R333	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
R118	1-208-810-11	RES,CHIP 15K 2%	1/10W	R334	1-208-810-11	RES,CHIP 15K 2%	1/10W
R119	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R335	1-208-462-61	RES,CHIP 10K 2%	1/10W
R120	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R336	1-208-462-61	RES,CHIP 10K 2%	1/10W
R121	1-216-677-11	METAL CHIP 12K 0.5%	1/10W	R337	1-216-673-11	METAL CHIP 8.2K 0.5%	1/10W
R122	1-208-810-11	RES,CHIP 15K 2%	1/10W	R338	1-216-673-11	METAL CHIP 8.2K 0.5%	1/10W
R125	1-208-365-61	RES,CHIP 100 2%	1/10W	R339	1-216-673-11	METAL CHIP 8.2K 0.5%	1/10W
R126	1-208-365-61	RES,CHIP 100 2%	1/10W	R340	1-216-673-11	METAL CHIP 8.2K 0.5%	1/10W
R127	1-208-365-61	RES,CHIP 100 2%	1/10W	R402	1-208-462-61	RES,CHIP 10K 2%	1/10W
R128	1-208-365-61	RES,CHIP 100 2%	1/10W	R403	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
R201	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R404	1-208-526-61	RES,CHIP 47K 2%	1/10W
R202	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R405	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
R203	1-216-677-11	METAL CHIP 12K 0.5%	1/10W	R406	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
R204	1-208-810-11	RES,CHIP 15K 2%	1/10W	R407	1-208-810-11	RES,CHIP 15K 2%	1/10W
R205	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R408	1-208-462-61	RES,CHIP 10K 2%	1/10W
R206	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R409	1-208-462-61	RES,CHIP 10K 2%	1/10W
R207	1-216-677-11	METAL CHIP 12K 0.5%	1/10W	R411	1-208-462-61	RES,CHIP 10K 2%	1/10W
R208	1-208-810-11	RES,CHIP 15K 2%	1/10W	R412	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
R209	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R413	1-208-526-61	RES,CHIP 47K 2%	1/10W
R210	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R414	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
R211	1-216-677-11	METAL CHIP 12K 0.5%	1/10W	R415	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
R212	1-208-810-11	RES,CHIP 15K 2%	1/10W	R416	1-208-810-11	RES,CHIP 15K 2%	1/10W
R213	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R417	1-208-462-61	RES,CHIP 10K 2%	1/10W
R214	1-216-684-11	METAL CHIP 24K 0.5%	1/10W	R418	1-208-462-61	RES,CHIP 10K 2%	1/10W
R215	1-216-677-11	METAL CHIP 12K 0.5%	1/10W	R420	1-208-462-61	RES,CHIP 10K 2%	1/10W
R216	1-208-810-11	RES,CHIP 15K 2%	1/10W	R421	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
R221	1-208-365-61	RES,CHIP 100 2%	1/10W	R422	1-208-526-61	RES,CHIP 47K 2%	1/10W
R222	1-208-365-61	RES,CHIP 100 2%	1/10W	R423	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
R223	1-208-365-61	RES,CHIP 100 2%	1/10W	R424	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
				R425	1-208-810-11	RES,CHIP 15K 2%	1/10W
				R426	1-208-462-61	RES,CHIP 10K 2%	1/10W

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Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
R427	1-208-462-61	RES,CHIP	10K	2%	1/10W	R604	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W
R429	1-208-462-61	RES,CHIP	10K	2%	1/10W	R605	1-208-534-61	RES,CHIP	100K	2%	1/10W
R430	1-216-685-11	METAL CHIP	27K	0.5%	1/10W	R606	1-208-534-61	RES,CHIP	100K	2%	1/10W
R431	1-208-526-61	RES,CHIP	47K	2%	1/10W	R607	1-208-462-61	RES,CHIP	10K	2%	1/10W
R432	1-208-784-11	RES,CHIP	1.2K	2%	1/10W	R608	1-208-462-61	RES,CHIP	10K	2%	1/10W
R433	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R609	1-208-534-61	RES,CHIP	100K	2%	1/10W
R434	1-208-810-11	RES,CHIP	15K	2%	1/10W	R610	1-208-534-61	RES,CHIP	100K	2%	1/10W
R435	1-208-462-61	RES,CHIP	10K	2%	1/10W	R611	1-208-810-11	RES,CHIP	15K	2%	1/10W
R436	1-208-462-61	RES,CHIP	10K	2%	1/10W	R612	1-208-810-11	RES,CHIP	15K	2%	1/10W
R437	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	R613	1-208-810-11	RES,CHIP	15K	2%	1/10W
R438	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	R614	1-208-810-11	RES,CHIP	15K	2%	1/10W
R439	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	R615	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R440	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W	R616	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R501	1-208-462-61	RES,CHIP	10K	2%	1/10W	R617	1-208-810-11	RES,CHIP	15K	2%	1/10W
R502	1-208-462-61	RES,CHIP	10K	2%	1/10W	R618	1-208-810-11	RES,CHIP	15K	2%	1/10W
R503	1-208-518-61	RES,CHIP	22K	2%	1/10W	R620	1-208-462-61	RES,CHIP	10K	2%	1/10W
R504	1-208-526-61	RES,CHIP	47K	2%	1/10W	R621	1-208-526-61	RES,CHIP	47K	2%	1/10W
R505	1-208-784-11	RES,CHIP	1.2K	2%	1/10W	R622	1-208-810-11	RES,CHIP	15K	2%	1/10W
R506	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R623	1-208-810-11	RES,CHIP	15K	2%	1/10W
R507	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R624	1-208-810-11	RES,CHIP	15K	2%	1/10W
R509	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R625	1-208-810-11	RES,CHIP	15K	2%	1/10W
R510	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R626	1-208-789-11	RES,CHIP	2K	2%	1/10W
R512	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R628	1-208-462-61	RES,CHIP	10K	2%	1/10W
R513	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R629	1-208-789-11	RES,CHIP	2K	2%	1/10W
R514	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W	R631	1-208-462-61	RES,CHIP	10K	2%	1/10W
R515	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W	R632	1-208-810-11	RES,CHIP	15K	2%	1/10W
R516	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R633	1-208-810-11	RES,CHIP	15K	2%	1/10W
R517	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R634	1-208-810-11	RES,CHIP	15K	2%	1/10W
R518	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R635	1-208-810-11	RES,CHIP	15K	2%	1/10W
R519	1-208-462-61	RES,CHIP	10K	2%	1/10W	R636	1-208-526-61	RES,CHIP	47K	2%	1/10W
R520	1-208-462-61	RES,CHIP	10K	2%	1/10W	R637	1-208-526-61	RES,CHIP	47K	2%	1/10W
R521	1-208-518-61	RES,CHIP	22K	2%	1/10W	R638	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R522	1-208-526-61	RES,CHIP	47K	2%	1/10W	R639	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R523	1-208-784-11	RES,CHIP	1.2K	2%	1/10W	R640	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R524	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R641	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R525	1-208-462-61	RES,CHIP	10K	2%	1/10W	R642	1-208-437-61	RES,CHIP	1K	2%	1/10W
R526	1-208-462-61	RES,CHIP	10K	2%	1/10W	R643	1-208-526-61	RES,CHIP	47K	2%	1/10W
R527	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R644	1-208-437-61	RES,CHIP	1K	2%	1/10W
R529	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R645	1-208-526-61	RES,CHIP	47K	2%	1/10W
R530	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R646	1-218-760-11	RES,CHIP	220K	2%	1/10W
R532	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R647	1-208-526-61	RES,CHIP	47K	2%	1/10W
R533	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R648	1-216-121-91	RES,CHIP	1M	5%	1/10W
R534	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W	R649	1-218-760-11	RES,CHIP	220K	2%	1/10W
R535	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W	R651	1-216-121-91	RES,CHIP	1M	5%	1/10W
R536	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R653	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R537	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R654	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R538	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R655	1-208-774-11	RES,CHIP	470	2%	1/10W
R539	1-208-462-61	RES,CHIP	10K	2%	1/10W	R656	1-208-774-11	RES,CHIP	470	2%	1/10W
R540	1-208-462-61	RES,CHIP	10K	2%	1/10W	R657	1-208-365-61	RES,CHIP	100	2%	1/10W
R541	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R658	1-208-365-61	RES,CHIP	100	2%	1/10W
R542	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W	R665	1-208-534-61	RES,CHIP	100K	2%	1/10W
R543	1-218-760-11	RES,CHIP	220K	2%	1/10W	R666	1-208-534-61	RES,CHIP	100K	2%	1/10W
R544	1-218-760-11	RES,CHIP	220K	2%	1/10W	R669	1-218-760-11	RES,CHIP	220K	2%	1/10W
R545	1-208-774-11	RES,CHIP	470	2%	1/10W	R670	1-218-760-11	RES,CHIP	220K	2%	1/10W
R546	1-208-774-11	RES,CHIP	470	2%	1/10W	R701	1-216-121-91	RES,CHIP	1M	5%	1/10W
R547	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R702	1-216-121-91	RES,CHIP	1M	5%	1/10W
R548	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R703	1-208-518-61	RES,CHIP	22K	2%	1/10W
R601	1-208-462-61	RES,CHIP	10K	2%	1/10W	R704	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
R602	1-208-462-61	RES,CHIP	10K	2%	1/10W	R705	1-208-425-61	RES,CHIP	330	2%	1/10W
R603	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W	R706	1-208-425-61	RES,CHIP	330	2%	1/10W

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Ref. No.	Part No.	Description			Remarks
R707	1-208-425-61	RES,CHIP	330	2%	1/10W
R708	1-208-425-61	RES,CHIP	330	2%	1/10W
R709	1-208-425-61	RES,CHIP	330	2%	1/10W
R710	1-208-425-61	RES,CHIP	330	2%	1/10W
R711	1-208-425-61	RES,CHIP	330	2%	1/10W
R712	1-208-425-61	RES,CHIP	330	2%	1/10W
R713	1-208-462-61	RES,CHIP	10K	2%	1/10W
R714	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R715	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R716	1-208-437-61	RES,CHIP	1K	2%	1/10W
R717	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R718	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R719	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R720	1-208-441-61	RES,CHIP	1.5K	2%	1/10W
R721	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R722	1-208-437-61	RES,CHIP	1K	2%	1/10W
R723	1-208-437-61	RES,CHIP	1K	2%	1/10W
R724	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R725	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R726	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R727	1-208-425-61	RES,CHIP	330	2%	1/10W
R728	1-208-518-61	RES,CHIP	22K	2%	1/10W
R729	1-208-437-61	RES,CHIP	1K	2%	1/10W
R730	1-208-437-61	RES,CHIP	1K	2%	1/10W
R902	1-208-522-61	RES,CHIP	33K	2%	1/10W
R903	1-208-534-61	RES,CHIP	100K	2%	1/10W
R904	1-208-526-61	RES,CHIP	47K	2%	1/10W
R905	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R906	1-208-437-61	RES,CHIP	1K	2%	1/10W
R907	1-208-437-61	RES,CHIP	1K	2%	1/10W
R908	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R909	1-208-534-61	RES,CHIP	100K	2%	1/10W
R910	1-208-534-61	RES,CHIP	100K	2%	1/10W
R911	1-216-661-11	METAL CHIP	2.7K	0.5%	1/10W
R912	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R913	1-208-810-11	RES,CHIP	15K	2%	1/10W
R914	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R915	1-208-462-61	RES,CHIP	10K	2%	1/10W
R916	1-208-462-61	RES,CHIP	10K	2%	1/10W
R917	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R918	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R919	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R920	1-208-462-61	RES,CHIP	10K	2%	1/10W
R921	1-208-810-11	RES,CHIP	15K	2%	1/10W
R922	1-208-462-61	RES,CHIP	10K	2%	1/10W
R923	1-208-810-11	RES,CHIP	15K	2%	1/10W
R924	1-208-462-61	RES,CHIP	10K	2%	1/10W
R925	1-208-810-11	RES,CHIP	15K	2%	1/10W
R926	1-208-810-11	RES,CHIP	15K	2%	1/10W
R927	1-216-685-11	METAL CHIP	27K	0.5%	1/10W
R928	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R929	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R930	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R931	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R933	1-208-810-11	RES,CHIP	15K	2%	1/10W
R934	1-208-810-11	RES,CHIP	15K	2%	1/10W
R936	1-211-960-11	RES,CHIP	22	2%	1/10W
R937	1-211-960-11	RES,CHIP	22	2%	1/10W
R938	1-208-526-61	RES,CHIP	47K	2%	1/10W
R939	1-208-462-61	RES,CHIP	10K	2%	1/10W

Ref. No.	Part No.	Description			Remarks
R940	1-208-462-61	RES,CHIP	10K	2%	1/10W
R941	1-208-462-61	RES,CHIP	10K	2%	1/10W
R942	1-208-462-61	RES,CHIP	10K	2%	1/10W
R943	1-208-462-61	RES,CHIP	10K	2%	1/10W
R944	1-208-462-61	RES,CHIP	10K	2%	1/10W
R945	1-208-462-61	RES,CHIP	10K	2%	1/10W
R946	1-208-462-61	RES,CHIP	10K	2%	1/10W
R947	1-208-462-61	RES,CHIP	10K	2%	1/10W
R948	1-208-462-61	RES,CHIP	10K	2%	1/10W
R949	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1002	1-208-522-61	RES,CHIP	33K	2%	1/10W
R1003	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1004	1-208-526-61	RES,CHIP	47K	2%	1/10W
R1005	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1006	1-208-437-61	RES,CHIP	1K	2%	1/10W
R1007	1-208-437-61	RES,CHIP	1K	2%	1/10W
R1008	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1009	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1010	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1011	1-216-661-11	METAL CHIP	2.7K	0.5%	1/10W
R1012	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1013	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1014	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R1015	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1016	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1017	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R1018	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R1019	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1020	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1021	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1022	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1023	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1024	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1025	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1026	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1027	1-216-685-11	METAL CHIP	27K	0.5%	1/10W
R1028	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R1029	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R1030	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R1031	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R1033	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1034	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1036	1-211-960-11	RES,CHIP	22	2%	1/10W
R1037	1-211-960-11	RES,CHIP	22	2%	1/10W
R1038	1-208-526-61	RES,CHIP	47K	2%	1/10W
R1039	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1040	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1041	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1042	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1043	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1044	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1045	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1046	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1047	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1048	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1049	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1101	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1102	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1103	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1104	1-208-449-61	RES,CHIP	3.3K	2%	1/10W

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Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
R1105	1-208-437-61	RES,CHIP	1K 2% 1/10W	R1168	1-208-526-61	RES,CHIP	47K 2% 1/10W
R1106	1-208-437-61	RES,CHIP	1K 2% 1/10W	R1169	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1107	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W	R1170	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1108	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W	R1171	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1111	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1172	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1112	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1173	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1113	1-208-784-11	RES,CHIP	1.2K 2% 1/10W	R1174	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1114	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1175	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1115	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1176	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1116	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1177	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1117	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1178	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1118	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1179	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1119	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1180	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1120	1-208-441-61	RES,CHIP	1.5K 2% 1/10W	R1181	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1121	1-208-784-11	RES,CHIP	1.2K 2% 1/10W	R1182	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1122	1-208-441-61	RES,CHIP	1.5K 2% 1/10W	R1183	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1123	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1184	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1124	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1185	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1125	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1186	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1126	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1187	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1127	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1188	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1128	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1189	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1129	1-216-677-11	METAL CHIP	12K 0.5% 1/10W	R1190	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1130	1-216-677-11	METAL CHIP	12K 0.5% 1/10W	R1191	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W
R1131	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1192	1-208-774-11	RES,CHIP	470 2% 1/10W
R1132	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1193	1-208-774-11	RES,CHIP	470 2% 1/10W
R1133	1-208-534-61	RES,CHIP	100K 2% 1/10W	R1201	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1134	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1202	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1135	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1203	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1136	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W	R1204	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1137	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1205	1-208-437-61	RES,CHIP	1K 2% 1/10W
R1138	1-216-677-11	METAL CHIP	12K 0.5% 1/10W	R1206	1-208-437-61	RES,CHIP	1K 2% 1/10W
R1139	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1207	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W
R1140	1-216-677-11	METAL CHIP	12K 0.5% 1/10W	R1208	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W
R1141	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1211	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1142	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1212	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1143	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1213	1-208-784-11	RES,CHIP	1.2K 2% 1/10W
R1144	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1214	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1145	1-208-534-61	RES,CHIP	100K 2% 1/10W	R1215	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1146	1-208-534-61	RES,CHIP	100K 2% 1/10W	R1216	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1147	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1217	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1148	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1218	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1149	1-208-534-61	RES,CHIP	100K 2% 1/10W	R1219	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1150	1-208-534-61	RES,CHIP	100K 2% 1/10W	R1220	1-208-441-61	RES,CHIP	1.5K 2% 1/10W
R1151	1-216-121-91	RES,CHIP	1M 5% 1/10W	R1221	1-208-784-11	RES,CHIP	1.2K 2% 1/10W
R1152	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1222	1-208-441-61	RES,CHIP	1.5K 2% 1/10W
R1153	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1223	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1154	1-216-121-91	RES,CHIP	1M 5% 1/10W	R1224	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1155	1-208-534-61	RES,CHIP	100K 2% 1/10W	R1225	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1157	1-208-526-61	RES,CHIP	47K 2% 1/10W	R1226	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1158	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1227	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1159	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1228	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1160	1-208-526-61	RES,CHIP	47K 2% 1/10W	R1229	1-216-677-11	METAL CHIP	12K 0.5% 1/10W
R1161	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W	R1230	1-216-677-11	METAL CHIP	12K 0.5% 1/10W
R1162	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W	R1231	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1163	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1232	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1164	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1233	1-208-534-61	RES,CHIP	100K 2% 1/10W
R1165	1-216-121-91	RES,CHIP	1M 5% 1/10W	R1234	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1166	1-208-457-11	RES,CHIP	6.2K 2% 1/10W	R1235	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1167	1-208-457-11	RES,CHIP	6.2K 2% 1/10W	R1236	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W

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Ref. No.	Part No.	Description			Remarks
R1237	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1238	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R1239	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1240	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R1241	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1242	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1243	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1244	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1245	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1246	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1247	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1248	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1249	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1250	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1251	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1252	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1253	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1254	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1255	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1257	1-208-526-61	RES,CHIP	47K	2%	1/10W
R1258	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1259	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1260	1-208-526-61	RES,CHIP	47K	2%	1/10W
R1261	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R1262	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R1263	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1264	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1265	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1266	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R1267	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R1268	1-208-526-61	RES,CHIP	47K	2%	1/10W
R1269	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1270	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1271	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1272	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1273	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1274	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1275	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1276	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1277	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1278	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1279	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1280	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1281	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1282	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1283	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1284	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1285	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1286	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1287	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1288	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1289	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1290	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1291	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W
R1292	1-208-774-11	RES,CHIP	470	2%	1/10W
R1293	1-208-774-11	RES,CHIP	470	2%	1/10W
R1301	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1302	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1303	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1304	1-208-449-61	RES,CHIP	3.3K	2%	1/10W

Ref. No.	Part No.	Description			Remarks
R1305	1-208-437-61	RES,CHIP	1K	2%	1/10W
R1306	1-208-437-61	RES,CHIP	1K	2%	1/10W
R1307	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W
R1308	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W
R1311	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1312	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1313	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R1314	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1315	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1316	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1317	1-208-449-61	RES,CHIP	3.3K	2%	1/10W
R1318	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1319	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1320	1-208-441-61	RES,CHIP	1.5K	2%	1/10W
R1321	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R1322	1-208-441-61	RES,CHIP	1.5K	2%	1/10W
R1323	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1324	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1325	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1326	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1327	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1328	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1329	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R1330	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R1331	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1332	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1333	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1334	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1335	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1336	1-216-665-11	METAL CHIP	3.9K	0.5%	1/10W
R1337	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1338	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R1339	1-208-810-11	RES,CHIP	15K	2%	1/10W
R1340	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R1341	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1342	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1343	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1344	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1345	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1346	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1347	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1348	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1349	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1350	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1351	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1352	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1353	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1354	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1355	1-208-534-61	RES,CHIP	100K	2%	1/10W
R1357	1-208-526-61	RES,CHIP	47K	2%	1/10W
R1358	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1359	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R1360	1-208-526-61	RES,CHIP	47K	2%	1/10W
R1361	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R1362	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R1363	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1364	1-208-462-61	RES,CHIP	10K	2%	1/10W
R1365	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1366	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R1367	1-208-457-11	RES,CHIP	6.2K	2%	1/10W

MASTER

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
R1368	1-208-526-61	RES,CHIP	47K 2% 1/10W	R1437	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1369	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1438	1-216-677-11	METAL CHIP	12K 0.5% 1/10W
R1370	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1439	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1371	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1440	1-216-677-11	METAL CHIP	12K 0.5% 1/10W
R1372	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1441	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1373	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1442	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1374	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1443	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1375	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1444	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1376	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1445	1-208-534-61	RES,CHIP	100K 2% 1/10W
R1377	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1446	1-208-534-61	RES,CHIP	100K 2% 1/10W
R1378	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1447	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1379	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1448	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1380	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1449	1-208-534-61	RES,CHIP	100K 2% 1/10W
R1381	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1450	1-208-534-61	RES,CHIP	100K 2% 1/10W
R1382	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1451	1-216-121-91	RES,CHIP	1M 5% 1/10W
R1383	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1452	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1384	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1453	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1385	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1454	1-216-121-91	RES,CHIP	1M 5% 1/10W
R1386	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1455	1-208-534-61	RES,CHIP	100K 2% 1/10W
R1387	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1457	1-208-526-61	RES,CHIP	47K 2% 1/10W
R1388	1-208-462-61	RES,CHIP	10K 2% 1/10W	R1458	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1389	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1459	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1390	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1460	1-208-526-61	RES,CHIP	47K 2% 1/10W
R1391	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W	R1461	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W
R1392	1-208-774-11	RES,CHIP	470 2% 1/10W	R1462	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W
R1393	1-208-774-11	RES,CHIP	470 2% 1/10W	R1463	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1401	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1464	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1402	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1465	1-216-121-91	RES,CHIP	1M 5% 1/10W
R1403	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1466	1-208-457-11	RES,CHIP	6.2K 2% 1/10W
R1404	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1467	1-208-457-11	RES,CHIP	6.2K 2% 1/10W
R1405	1-208-437-61	RES,CHIP	1K 2% 1/10W	R1468	1-208-526-61	RES,CHIP	47K 2% 1/10W
R1406	1-208-437-61	RES,CHIP	1K 2% 1/10W	R1469	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1407	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W	R1470	1-208-449-61	RES,CHIP	3.3K 2% 1/10W
R1408	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W	R1471	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1411	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1472	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1412	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1473	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1413	1-208-784-11	RES,CHIP	1.2K 2% 1/10W	R1474	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1414	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1475	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1415	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1476	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1416	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1477	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1417	1-208-449-61	RES,CHIP	3.3K 2% 1/10W	R1478	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1418	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1479	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1419	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1480	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1420	1-208-441-61	RES,CHIP	1.5K 2% 1/10W	R1481	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1421	1-208-784-11	RES,CHIP	1.2K 2% 1/10W	R1482	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1422	1-208-441-61	RES,CHIP	1.5K 2% 1/10W	R1483	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1423	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1484	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1424	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1485	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1425	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1486	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1426	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1487	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1427	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1488	1-208-462-61	RES,CHIP	10K 2% 1/10W
R1428	1-208-810-11	RES,CHIP	15K 2% 1/10W	R1489	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1429	1-216-677-11	METAL CHIP	12K 0.5% 1/10W	R1490	1-208-810-11	RES,CHIP	15K 2% 1/10W
R1430	1-216-677-11	METAL CHIP	12K 0.5% 1/10W	R1491	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W
R1431	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1492	1-208-774-11	RES,CHIP	470 2% 1/10W
R1432	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1493	1-208-774-11	RES,CHIP	470 2% 1/10W
R1433	1-208-534-61	RES,CHIP	100K 2% 1/10W	R1501	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R1434	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1502	1-216-635-11	METAL CHIP	220 0.5% 1/10W
R1435	1-208-453-61	RES,CHIP	4.7K 2% 1/10W	R1503	1-208-526-61	RES,CHIP	47K 2% 1/10W
R1436	1-216-665-11	METAL CHIP	3.9K 0.5% 1/10W	R1504	1-208-774-11	RES,CHIP	470 2% 1/10W

MASTER

Ref. No.	Part No.	Description	Remarks
R1505	1-208-774-11	RES,CHIP 470 2%	1/10W
		< VARIABLE RESISTOR >	
RV101	1-225-555-11	RES, VAR 50K(AUX MASTER:1-2)	
RV102	1-225-573-11	RES, VAR 50K(AUX MASTER:3)	
RV103	1-225-573-11	RES, VAR 50K(AUX MASTER:4)	
RV201	1-225-573-11	RES, VAR 50K(AUX MASTER:5)	
RV202	1-225-573-11	RES, VAR 50K(AUX MASTER:6)	
RV203	1-225-573-11	RES, VAR 50K(AUX MASTER:7)	
RV204	1-225-573-11	RES, VAR 50K(AUX MASTER:8)	
RV301	1-225-551-11	RES, VAR, SLIDE 50K(GRP FADER:1-2)	
RV302	1-225-551-11	RES, VAR, SLIDE 50K(GRP FADER:3-4)	
RV401	1-225-551-11	RES, VAR, SLIDE 50K(GRP FADER:5-6)	
RV402	1-225-551-11	RES, VAR, SLIDE 50K(GRP FADER:7-8)	
RV501	1-225-551-11	RES, VAR, SLIDE 50K(GRP FADER:L-R)	
RV601	1-225-555-11	RES, VAR 50K(MONITOR)	
RV602	1-225-555-11	RES, VAR 50K(2TR IN)	
RV901	1-225-556-11	RES, VAR 10K(LEVEL:CH9)	
RV902	1-225-557-11	RES, VAR 10K(MID LEVEL:CH9)	
RV903	1-225-559-11	RES, VAR 100K(MID FREQ.:CH9)	
RV904	1-225-557-11	RES, VAR 10K(LOW:CH9)	
RV905	1-225-557-11	RES, VAR 10K(HIGH:CH9)	
RV907	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH9)	
RV908	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH9)	
RV909	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH9)	
RV910	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH9)	
RV911	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH9)	
RV912	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH9)	
RV913	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH9)	
RV914	1-225-553-11	RES, VAR 5K(PAN:CH9)	
RV1001	1-225-556-11	RES, VAR 10K(LEVEL:CH10)	
RV1002	1-225-557-11	RES, VAR 10K(MID LEVEL:CH10)	
RV1003	1-225-559-11	RES, VAR 100K(MID FREQ.:CH10)	
RV1004	1-225-557-11	RES, VAR 10K(LOW:CH10)	
RV1005	1-225-557-11	RES, VAR 10K(HIGH:CH10)	
RV1007	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH10)	
RV1008	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH10)	
RV1009	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH10)	
RV1010	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH10)	
RV1011	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH10)	
RV1012	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH10)	
RV1013	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH10)	
RV1014	1-225-553-11	RES, VAR 5K(PAN:CH10)	
RV1101	1-225-555-11	RES, VAR 50K(CH VOL:ST5)	
RV1102	1-225-554-11	RES, VAR 10K(MID:ST1)	
RV1103	1-225-554-11	RES, VAR 10K(LOW:ST1)	
RV1104	1-225-554-11	RES, VAR 10K(HIGH:ST1)	
RV1105	1-225-551-11	RES, VAR, SLIDE 50K(CH FADER:ST1)	
RV1106	1-225-555-11	RES, VAR 50K(AUX1-2:ST1)	
RV1107	1-225-553-11	RES, VAR 5K(BALANCE:ST1)	
RV1108	1-225-555-11	RES, VAR 50K(AUX3:ST1)	
RV1110	1-225-555-11	RES, VAR 50K(AUX4:ST1)	
RV1111	1-225-558-11	RES, VAR 50K(AUX5:ST1)	
RV1112	1-225-558-11	RES, VAR 50K(AUX6:ST1)	
RV1201	1-225-555-11	RES, VAR 50K(CH VOL:ST6)	
RV1202	1-225-554-11	RES, VAR 10K(MID:ST2)	
RV1203	1-225-554-11	RES, VAR 10K(LOW:ST2)	
RV1204	1-225-554-11	RES, VAR 10K(HIGH:ST2)	

Ref. No.	Part No.	Description	Remarks
RV1205	1-225-551-11	RES, VAR, SLIDE 50K(CH FADER:ST2)	
RV1206	1-225-555-11	RES, VAR 50K(AUX1-2:ST2)	
RV1207	1-225-553-11	RES, VAR 5K(BALANCE:ST2)	
RV1208	1-225-555-11	RES, VAR 50K(AUX3:ST2)	
RV1210	1-225-555-11	RES, VAR 50K(AUX4:ST2)	
RV1211	1-225-558-11	RES, VAR 50K(AUX5:ST2)	
RV1212	1-225-558-11	RES, VAR 50K(AUX6:ST2)	
RV1301	1-225-555-11	RES, VAR 50K(CH VOL:ST7)	
RV1302	1-225-554-11	RES, VAR 10K(MID:ST3)	
RV1303	1-225-554-11	RES, VAR 10K(LOW:ST3)	
RV1304	1-225-554-11	RES, VAR 10K(HIGH:ST3)	
RV1305	1-225-551-11	RES, VAR, SLIDE 50K(CH FADER:ST3)	
RV1306	1-225-555-11	RES, VAR 50K(AUX1-2:ST3)	
RV1307	1-225-553-11	RES, VAR 5K(BALANCE:ST3)	
RV1308	1-225-555-11	RES, VAR 50K(AUX3:ST3)	
RV1310	1-225-555-11	RES, VAR 50K(AUX4:ST3)	
RV1311	1-225-558-11	RES, VAR 50K(AUX5:ST3)	
RV1312	1-225-558-11	RES, VAR 50K(AUX6:ST3)	
RV1401	1-225-555-11	RES, VAR 50K(CH VOL:ST7)	
RV1402	1-225-554-11	RES, VAR 10K(MID:ST4)	
RV1403	1-225-554-11	RES, VAR 10K(LOW:ST4)	
RV1404	1-225-554-11	RES, VAR 10K(HIGH:ST4)	
RV1405	1-225-551-11	RES, VAR, SLIDE 50K(CH FADER:ST4)	
RV1406	1-225-555-11	RES, VAR 50K(AUX1-2:ST4)	
RV1407	1-225-553-11	RES, VAR 5K(BALANCE:ST4)	
RV1408	1-225-555-11	RES, VAR 50K(AUX3:ST4)	
RV1410	1-225-555-11	RES, VAR 50K(AUX4:ST4)	
RV1411	1-225-558-11	RES, VAR 50K(AUX5:ST4)	
RV1412	1-225-558-11	RES, VAR 50K(AUX6:ST4)	
		< RELAY >	
RY601	1-515-796-11	RELAY	
		< SWITCH >	
S101	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 1-2)	
S102	1-554-118-00	SWITCH, PUSH (1 KEY)(PRE 3)	
S103	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 3)	
S104	1-554-118-00	SWITCH, PUSH (1 KEY)(PRE 4)	
S105	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 4)	
S201	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 5)	
S202	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 6)	
S203	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 7)	
S204	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 8)	
S301	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 1-2)	
S302	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 3-4)	
S401	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 5-6)	
S402	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL 7-8)	
S501	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL L-R)	
S601	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX 1-2)	
S602	1-554-118-00	SWITCH, PUSH (1 KEY)(GRP 1-2)	
S603	1-554-118-00	SWITCH, PUSH (1 KEY)(GRP 3-4)	
S604	1-554-118-00	SWITCH, PUSH (1 KEY)(GRP 5-6)	
S605	1-554-118-00	SWITCH, PUSH (1 KEY)(L/ODD)	
S606	1-554-118-00	SWITCH, PUSH (1 KEY)(GRP 7-8)	
S607	1-554-118-00	SWITCH, PUSH (1 KEY)(2TR IN)	
S608	1-554-118-00	SWITCH, PUSH (1 KEY)(AFL:2TR IN)	
S609	1-554-118-00	SWITCH, PUSH (1 KEY)(PEAK)	
S610	1-554-118-00	SWITCH, PUSH (1 KEY)(R/EVEN)	
S902	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH9)	

Ref. No.	Part No.	Description	Remarks
S903	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH9)	
S905	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH9)	
S906	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH9)	
S907	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH9)	
S908	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH9)	
S909	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH9)	
S910	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH9)	
S911	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH9)	
S1002	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH10)	
S1003	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH10)	
S1005	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH10)	
S1006	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH10)	
S1007	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH10)	
S1008	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH10)	
S1009	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH10)	
S1010	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH10)	
S1011	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH10)	
S1101	1-554-118-00	SWITCH, PUSH (1 KEY)(-10dBs:ST1)	
S1102	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:ST1)	
S1103	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:ST1)	
S1104	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:ST1)	
S1105	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:ST1)	
S1106	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:ST1)	
S1107	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:ST1)	
S1108	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:ST1)	
S1109	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:ST1)	
S1201	1-554-118-00	SWITCH, PUSH (1 KEY)(-10dBs:ST2)	
S1202	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:ST2)	
S1203	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:ST2)	
S1204	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:ST2)	
S1205	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:ST2)	
S1206	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:ST2)	
S1207	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:ST2)	
S1208	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:ST2)	
S1209	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:ST2)	
S1301	1-554-118-00	SWITCH, PUSH (1 KEY)(-10dBs:ST3)	
S1302	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:ST3)	
S1303	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:ST3)	
S1304	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:ST3)	
S1305	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:ST3)	
S1306	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:ST3)	
S1307	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:ST3)	
S1308	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:ST3)	
S1309	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:ST3)	
S1401	1-554-118-00	SWITCH, PUSH (1 KEY)(-10dBs:ST4)	
S1402	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:ST4)	
S1403	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:ST4)	
S1404	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:ST4)	
S1405	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:ST4)	
S1406	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:ST4)	
S1407	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:ST4)	
S1408	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:ST4)	
S1409	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:ST4)	

* A-4591-062-A MN-IN BOARD, COMPLETE

< BUS BAR >

* BUS1 1-564-393-00 BUS BAR 9P

Ref. No.	Part No.	Description	Remarks
< CAPACITOR >			
C101	1-136-165-00	FILM	0.1uF 5% 50V
C102	1-136-165-00	FILM	0.1uF 5% 50V
C103	1-126-964-11	ELECT	10uF 20% 50V
C104	1-130-487-00	MYLAR	0.022uF 5% 50V
C105	1-130-483-00	MYLAR	0.01uF 5% 50V
C106	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C107	1-104-664-11	ELECT	47uF 20% 25V
C108	1-104-664-11	ELECT	47uF 20% 25V
C109	1-130-477-00	MYLAR	0.0033uF 5% 50V
C110	1-126-960-11	ELECT	1uF 20% 50V
C111	1-136-167-00	FILM	0.15uF 5% 50V
C112	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C113	1-126-934-11	ELECT	220uF 20% 10V
C114	1-126-964-11	ELECT	10uF 20% 50V
C115	1-126-935-11	ELECT	470uF 20% 6.3V
C116	1-126-964-11	ELECT	10uF 20% 50V
C117	1-104-664-11	ELECT	47uF 20% 25V
C118	1-104-664-11	ELECT	47uF 20% 25V
C119	1-126-935-11	ELECT	470uF 20% 6.3V
C201	1-136-165-00	FILM	0.1uF 5% 50V
C202	1-136-165-00	FILM	0.1uF 5% 50V
C203	1-126-964-11	ELECT	10uF 20% 50V
C204	1-130-487-00	MYLAR	0.022uF 5% 50V
C205	1-130-483-00	MYLAR	0.01uF 5% 50V
C206	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C207	1-104-664-11	ELECT	47uF 20% 25V
C208	1-104-664-11	ELECT	47uF 20% 25V
C209	1-130-477-00	MYLAR	0.0033uF 5% 50V
C210	1-126-960-11	ELECT	1uF 20% 50V
C211	1-136-167-00	FILM	0.15uF 5% 50V
C212	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C213	1-126-934-11	ELECT	220uF 20% 10V
C214	1-126-964-11	ELECT	10uF 20% 50V
C215	1-126-935-11	ELECT	470uF 20% 6.3V
C216	1-126-964-11	ELECT	10uF 20% 50V
C217	1-104-664-11	ELECT	47uF 20% 25V
C218	1-104-664-11	ELECT	47uF 20% 25V
C219	1-126-935-11	ELECT	470uF 20% 6.3V
C301	1-136-165-00	FILM	0.1uF 5% 50V
C302	1-136-165-00	FILM	0.1uF 5% 50V
C303	1-126-964-11	ELECT	10uF 20% 50V
C304	1-130-487-00	MYLAR	0.022uF 5% 50V
C305	1-130-483-00	MYLAR	0.01uF 5% 50V
C306	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C307	1-104-664-11	ELECT	47uF 20% 25V
C308	1-104-664-11	ELECT	47uF 20% 25V
C309	1-130-477-00	MYLAR	0.0033uF 5% 50V
C310	1-126-960-11	ELECT	1uF 20% 50V
C311	1-136-167-00	FILM	0.15uF 5% 50V
C312	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C313	1-126-934-11	ELECT	220uF 20% 10V
C314	1-126-964-11	ELECT	10uF 20% 50V
C315	1-126-935-11	ELECT	470uF 20% 6.3V
C316	1-126-964-11	ELECT	10uF 20% 50V
C317	1-104-664-11	ELECT	47uF 20% 25V

MN-IN

Ref. No.	Part No.	Description	Remarks
C318	1-104-664-11	ELECT	47uF 20% 25V
C319	1-126-935-11	ELECT	470uF 20% 6.3V
C401	1-136-165-00	FILM	0.1uF 5% 50V
C402	1-136-165-00	FILM	0.1uF 5% 50V
C403	1-126-964-11	ELECT	10uF 20% 50V
C404	1-130-487-00	MYLAR	0.022uF 5% 50V
C405	1-130-483-00	MYLAR	0.01uF 5% 50V
C406	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C407	1-104-664-11	ELECT	47uF 20% 25V
C408	1-104-664-11	ELECT	47uF 20% 25V
C409	1-130-477-00	MYLAR	0.0033uF 5% 50V
C410	1-126-960-11	ELECT	1uF 20% 50V
C411	1-136-167-00	FILM	0.15uF 5% 50V
C412	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C413	1-126-934-11	ELECT	220uF 20% 10V
C414	1-126-964-11	ELECT	10uF 20% 50V
C415	1-126-935-11	ELECT	470uF 20% 6.3V
C416	1-126-964-11	ELECT	10uF 20% 50V
C417	1-104-664-11	ELECT	47uF 20% 25V
C418	1-104-664-11	ELECT	47uF 20% 25V
C419	1-126-935-11	ELECT	470uF 20% 6.3V
C501	1-136-165-00	FILM	0.1uF 5% 50V
C502	1-136-165-00	FILM	0.1uF 5% 50V
C503	1-126-964-11	ELECT	10uF 20% 50V
C504	1-130-487-00	MYLAR	0.022uF 5% 50V
C505	1-130-483-00	MYLAR	0.01uF 5% 50V
C506	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C507	1-104-664-11	ELECT	47uF 20% 25V
C508	1-104-664-11	ELECT	47uF 20% 25V
C509	1-130-477-00	MYLAR	0.0033uF 5% 50V
C510	1-126-960-11	ELECT	1uF 20% 50V
C511	1-136-167-00	FILM	0.15uF 5% 50V
C512	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C513	1-126-934-11	ELECT	220uF 20% 10V
C514	1-126-964-11	ELECT	10uF 20% 50V
C515	1-126-935-11	ELECT	470uF 20% 6.3V
C516	1-126-964-11	ELECT	10uF 20% 50V
C517	1-104-664-11	ELECT	47uF 20% 25V
C518	1-104-664-11	ELECT	47uF 20% 25V
C519	1-126-935-11	ELECT	470uF 20% 6.3V
C601	1-136-165-00	FILM	0.1uF 5% 50V
C602	1-136-165-00	FILM	0.1uF 5% 50V
C603	1-126-964-11	ELECT	10uF 20% 50V
C604	1-130-487-00	MYLAR	0.022uF 5% 50V
C605	1-130-483-00	MYLAR	0.01uF 5% 50V
C606	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C607	1-104-664-11	ELECT	47uF 20% 25V
C608	1-104-664-11	ELECT	47uF 20% 25V
C609	1-130-477-00	MYLAR	0.0033uF 5% 50V
C610	1-126-960-11	ELECT	1uF 20% 50V
C611	1-136-167-00	FILM	0.15uF 5% 50V
C612	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C613	1-126-934-11	ELECT	220uF 20% 10V
C614	1-126-964-11	ELECT	10uF 20% 50V
C615	1-126-935-11	ELECT	470uF 20% 6.3V
C616	1-126-964-11	ELECT	10uF 20% 50V
C617	1-104-664-11	ELECT	47uF 20% 25V
C618	1-104-664-11	ELECT	47uF 20% 25V
C619	1-126-935-11	ELECT	470uF 20% 6.3V
C701	1-136-165-00	FILM	0.1uF 5% 50V

Ref. No.	Part No.	Description	Remarks
C702	1-136-165-00	FILM	0.1uF 5% 50V
C703	1-126-964-11	ELECT	10uF 20% 50V
C704	1-130-487-00	MYLAR	0.022uF 5% 50V
C705	1-130-483-00	MYLAR	0.01uF 5% 50V
C706	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C707	1-104-664-11	ELECT	47uF 20% 25V
C708	1-104-664-11	ELECT	47uF 20% 25V
C709	1-130-477-00	MYLAR	0.0033uF 5% 50V
C710	1-126-960-11	ELECT	1uF 20% 50V
C711	1-136-167-00	FILM	0.15uF 5% 50V
C712	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C713	1-126-934-11	ELECT	220uF 20% 10V
C714	1-126-964-11	ELECT	10uF 20% 50V
C715	1-126-935-11	ELECT	470uF 20% 6.3V
C716	1-126-964-11	ELECT	10uF 20% 50V
C717	1-104-664-11	ELECT	47uF 20% 25V
C718	1-104-664-11	ELECT	47uF 20% 25V
C719	1-126-935-11	ELECT	470uF 20% 6.3V
C801	1-136-165-00	FILM	0.1uF 5% 50V
C802	1-136-165-00	FILM	0.1uF 5% 50V
C803	1-126-964-11	ELECT	10uF 20% 50V
C804	1-130-487-00	MYLAR	0.022uF 5% 50V
C805	1-130-483-00	MYLAR	0.01uF 5% 50V
C806	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C807	1-104-664-11	ELECT	47uF 20% 25V
C808	1-104-664-11	ELECT	47uF 20% 25V
C809	1-130-477-00	MYLAR	0.0033uF 5% 50V
C810	1-126-960-11	ELECT	1uF 20% 50V
C811	1-136-167-00	FILM	0.15uF 5% 50V
C812	1-163-235-11	CERAMIC CHIP	22PF 5% 50V
C813	1-126-934-11	ELECT	220uF 20% 10V
C814	1-126-964-11	ELECT	10uF 20% 50V
C815	1-126-935-11	ELECT	470uF 20% 6.3V
C816	1-126-964-11	ELECT	10uF 20% 50V
C817	1-104-664-11	ELECT	47uF 20% 25V
C818	1-104-664-11	ELECT	47uF 20% 25V
C819	1-126-935-11	ELECT	470uF 20% 6.3V
< CONNECTOR >			
* CN101	1-568-867-11	SOCKET, CONNECTOR 25P	
* CN301	1-568-867-11	SOCKET, CONNECTOR 25P	
* CN501	1-568-867-11	SOCKET, CONNECTOR 25P	
* CN701	1-568-867-11	SOCKET, CONNECTOR 25P	
CN801	1-691-752-11	SOCKET, CONNECTOR 12P	
CN802	1-691-648-11	SOCKET, CONNECTOR 15P	
CN803	1-691-650-11	SOCKET, CONNECTOR 19P	
< DIODE >			
D102	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH1)	
D103	8-719-988-62	DIODE 1SS355	
D202	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH2)	
D203	8-719-988-62	DIODE 1SS355	
D302	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH3)	
D303	8-719-988-62	DIODE 1SS355	
D402	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH4)	
D403	8-719-988-62	DIODE 1SS355	
D502	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH5)	
D503	8-719-988-62	DIODE 1SS355	

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
D602	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH6)		R107	1-208-437-61	RES,CHIP 1K 2%	1/10W
D603	8-719-988-62	DIODE 1SS355		R108	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
D702	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH7)		R109	1-208-534-61	RES,CHIP 100K 2%	1/10W
D703	8-719-988-62	DIODE 1SS355		R110	1-208-534-61	RES,CHIP 100K 2%	1/10W
D802	8-719-313-43	DIODE SEL6210S-TH10(PEAK:CH8)		R111	1-216-661-11	METAL CHIP 2.7K 0.5%	1/10W
D803	8-719-988-62	DIODE 1SS355		R112	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
< IC >				R113	1-208-810-11	RES,CHIP 15K 2%	1/10W
IC101	8-759-711-85	IC NJM4580E-D		R114	1-216-677-11	METAL CHIP 12K 0.5%	1/10W
IC102	8-759-711-85	IC NJM4580E-D		R115	1-208-462-61	RES,CHIP 10K 2%	1/10W
IC103	8-759-711-85	IC NJM4580E-D		R116	1-208-462-61	RES,CHIP 10K 2%	1/10W
IC201	8-759-711-85	IC NJM4580E-D		R117	1-216-659-11	METAL CHIP 2.2K 0.5%	1/10W
IC202	8-759-711-85	IC NJM4580E-D		R118	1-216-659-11	METAL CHIP 2.2K 0.5%	1/10W
IC203	8-759-711-85	IC NJM4580E-D		R119	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
IC301	8-759-711-85	IC NJM4580E-D		R120	1-208-462-61	RES,CHIP 10K 2%	1/10W
IC302	8-759-711-85	IC NJM4580E-D		R121	1-208-810-11	RES,CHIP 15K 2%	1/10W
IC303	8-759-711-85	IC NJM4580E-D		R122	1-208-462-61	RES,CHIP 10K 2%	1/10W
IC401	8-759-711-85	IC NJM4580E-D		R123	1-208-810-11	RES,CHIP 15K 2%	1/10W
IC402	8-759-711-85	IC NJM4580E-D		R124	1-208-462-61	RES,CHIP 10K 2%	1/10W
IC403	8-759-711-85	IC NJM4580E-D		R125	1-208-810-11	RES,CHIP 15K 2%	1/10W
IC501	8-759-711-85	IC NJM4580E-D		R126	1-208-810-11	RES,CHIP 15K 2%	1/10W
IC502	8-759-711-85	IC NJM4580E-D		R127	1-216-685-11	METAL CHIP 27K 0.5%	1/10W
IC503	8-759-711-85	IC NJM4580E-D		R128	1-216-657-11	METAL CHIP 1.8K 0.5%	1/10W
IC601	8-759-711-85	IC NJM4580E-D		R129	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
IC602	8-759-711-85	IC NJM4580E-D		R130	1-216-657-11	METAL CHIP 1.8K 0.5%	1/10W
IC603	8-759-711-85	IC NJM4580E-D		R131	1-208-457-11	RES,CHIP 6.2K 2%	1/10W
IC701	8-759-711-85	IC NJM4580E-D		R133	1-208-810-11	RES,CHIP 15K 2%	1/10W
IC702	8-759-711-85	IC NJM4580E-D		R134	1-208-810-11	RES,CHIP 15K 2%	1/10W
IC703	8-759-711-85	IC NJM4580E-D		R136	1-211-960-11	RES,CHIP 22 2%	1/10W
IC801	8-759-711-85	IC NJM4580E-D		R137	1-211-960-11	RES,CHIP 22 2%	1/10W
IC802	8-759-711-85	IC NJM4580E-D		R138	1-208-526-61	RES,CHIP 47K 2%	1/10W
IC803	8-759-711-85	IC NJM4580E-D		R139	1-208-462-61	RES,CHIP 10K 2%	1/10W
< TRANSISTOR >				R140	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q101	8-729-230-49	TRANSISTOR 2SC2712-YG		R141	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q102	8-729-230-49	TRANSISTOR 2SC2712-YG		R142	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q201	8-729-230-49	TRANSISTOR 2SC2712-YG		R143	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q202	8-729-230-49	TRANSISTOR 2SC2712-YG		R144	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q301	8-729-230-49	TRANSISTOR 2SC2712-YG		R145	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q302	8-729-230-49	TRANSISTOR 2SC2712-YG		R146	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q401	8-729-230-49	TRANSISTOR 2SC2712-YG		R147	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q402	8-729-230-49	TRANSISTOR 2SC2712-YG		R148	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q501	8-729-230-49	TRANSISTOR 2SC2712-YG		R149	1-208-534-61	RES,CHIP 100K 2%	1/10W
Q502	8-729-230-49	TRANSISTOR 2SC2712-YG		R150	1-208-784-11	RES,CHIP 1.2K 2%	1/10W
Q601	8-729-230-49	TRANSISTOR 2SC2712-YG		R151	1-208-441-61	RES,CHIP 1.5K 2%	1/10W
Q602	8-729-230-49	TRANSISTOR 2SC2712-YG		R152	1-208-462-61	RES,CHIP 10K 2%	1/10W
Q701	8-729-230-49	TRANSISTOR 2SC2712-YG		R153	1-208-774-11	RES,CHIP 470 2%	1/10W
Q702	8-729-230-49	TRANSISTOR 2SC2712-YG		R154	1-216-619-11	METAL CHIP 47 0.5%	1/10W
Q801	8-729-230-49	TRANSISTOR 2SC2712-YG		R159	1-208-437-61	RES,CHIP 1K 2%	1/10W
Q802	8-729-230-49	TRANSISTOR 2SC2712-YG		R160	1-208-437-61	RES,CHIP 1K 2%	1/10W
Q901	8-729-201-53	TRANSISTOR 2SA1015-GR		R202	1-208-522-61	RES,CHIP 33K 2%	1/10W
< RESISTOR >				R203	1-208-534-61	RES,CHIP 100K 2%	1/10W
R102	1-208-522-61	RES,CHIP 33K 2%	1/10W	R204	1-208-526-61	RES,CHIP 47K 2%	1/10W
R103	1-208-534-61	RES,CHIP 100K 2%	1/10W	R205	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
R104	1-208-526-61	RES,CHIP 47K 2%	1/10W	R206	1-208-437-61	RES,CHIP 1K 2%	1/10W
R105	1-208-453-61	RES,CHIP 4.7K 2%	1/10W	R207	1-208-437-61	RES,CHIP 1K 2%	1/10W
R106	1-208-437-61	RES,CHIP 1K 2%	1/10W	R208	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
				R209	1-208-534-61	RES,CHIP 100K 2%	1/10W
				R210	1-208-534-61	RES,CHIP 100K 2%	1/10W
				R211	1-216-661-11	METAL CHIP 2.7K 0.5%	1/10W
				R212	1-208-453-61	RES,CHIP 4.7K 2%	1/10W
				R213	1-208-810-11	RES,CHIP 15K 2%	1/10W

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Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
R214	1-216-677-11	METAL CHIP	12K	0.5%	1/10W	R321	1-208-810-11	RES,CHIP	15K	2%	1/10W
R215	1-208-462-61	RES,CHIP	10K	2%	1/10W	R322	1-208-462-61	RES,CHIP	10K	2%	1/10W
R216	1-208-462-61	RES,CHIP	10K	2%	1/10W	R323	1-208-810-11	RES,CHIP	15K	2%	1/10W
R217	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R324	1-208-462-61	RES,CHIP	10K	2%	1/10W
R218	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R325	1-208-810-11	RES,CHIP	15K	2%	1/10W
R219	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R326	1-208-810-11	RES,CHIP	15K	2%	1/10W
R220	1-208-462-61	RES,CHIP	10K	2%	1/10W	R327	1-216-685-11	METAL CHIP	27K	0.5%	1/10W
R221	1-208-810-11	RES,CHIP	15K	2%	1/10W	R328	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R222	1-208-462-61	RES,CHIP	10K	2%	1/10W	R329	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R223	1-208-810-11	RES,CHIP	15K	2%	1/10W	R330	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R224	1-208-462-61	RES,CHIP	10K	2%	1/10W	R331	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R225	1-208-810-11	RES,CHIP	15K	2%	1/10W	R333	1-208-810-11	RES,CHIP	15K	2%	1/10W
R226	1-208-810-11	RES,CHIP	15K	2%	1/10W	R334	1-208-810-11	RES,CHIP	15K	2%	1/10W
R227	1-216-685-11	METAL CHIP	27K	0.5%	1/10W	R336	1-211-960-11	RES,CHIP	22	2%	1/10W
R228	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W	R337	1-211-960-11	RES,CHIP	22	2%	1/10W
R229	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R338	1-208-526-61	RES,CHIP	47K	2%	1/10W
R230	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W	R339	1-208-462-61	RES,CHIP	10K	2%	1/10W
R231	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R340	1-208-462-61	RES,CHIP	10K	2%	1/10W
R233	1-208-810-11	RES,CHIP	15K	2%	1/10W	R341	1-208-462-61	RES,CHIP	10K	2%	1/10W
R234	1-208-810-11	RES,CHIP	15K	2%	1/10W	R342	1-208-462-61	RES,CHIP	10K	2%	1/10W
R236	1-211-960-11	RES,CHIP	22	2%	1/10W	R343	1-208-462-61	RES,CHIP	10K	2%	1/10W
R237	1-211-960-11	RES,CHIP	22	2%	1/10W	R344	1-208-462-61	RES,CHIP	10K	2%	1/10W
R238	1-208-526-61	RES,CHIP	47K	2%	1/10W	R345	1-208-462-61	RES,CHIP	10K	2%	1/10W
R239	1-208-462-61	RES,CHIP	10K	2%	1/10W	R346	1-208-462-61	RES,CHIP	10K	2%	1/10W
R240	1-208-462-61	RES,CHIP	10K	2%	1/10W	R347	1-208-462-61	RES,CHIP	10K	2%	1/10W
R241	1-208-462-61	RES,CHIP	10K	2%	1/10W	R348	1-208-462-61	RES,CHIP	10K	2%	1/10W
R242	1-208-462-61	RES,CHIP	10K	2%	1/10W	R349	1-208-534-61	RES,CHIP	100K	2%	1/10W
R243	1-208-462-61	RES,CHIP	10K	2%	1/10W	R350	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R244	1-208-462-61	RES,CHIP	10K	2%	1/10W	R351	1-208-441-61	RES,CHIP	1.5K	2%	1/10W
R245	1-208-462-61	RES,CHIP	10K	2%	1/10W	R352	1-208-462-61	RES,CHIP	10K	2%	1/10W
R246	1-208-462-61	RES,CHIP	10K	2%	1/10W	R353	1-208-774-11	RES,CHIP	470	2%	1/10W
R247	1-208-462-61	RES,CHIP	10K	2%	1/10W	R354	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R248	1-208-462-61	RES,CHIP	10K	2%	1/10W	R359	1-208-437-61	RES,CHIP	1K	2%	1/10W
R249	1-208-534-61	RES,CHIP	100K	2%	1/10W	R360	1-208-437-61	RES,CHIP	1K	2%	1/10W
R250	1-208-784-11	RES,CHIP	1.2K	2%	1/10W	R402	1-208-522-61	RES,CHIP	33K	2%	1/10W
R251	1-208-441-61	RES,CHIP	1.5K	2%	1/10W	R403	1-208-534-61	RES,CHIP	100K	2%	1/10W
R252	1-208-462-61	RES,CHIP	10K	2%	1/10W	R404	1-208-526-61	RES,CHIP	47K	2%	1/10W
R253	1-208-774-11	RES,CHIP	470	2%	1/10W	R405	1-208-462-61	RES,CHIP	10K	2%	1/10W
R254	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R406	1-208-437-61	RES,CHIP	1K	2%	1/10W
R259	1-208-437-61	RES,CHIP	1K	2%	1/10W	R407	1-208-437-61	RES,CHIP	1K	2%	1/10W
R260	1-208-437-61	RES,CHIP	1K	2%	1/10W	R408	1-208-462-61	RES,CHIP	10K	2%	1/10W
R302	1-208-522-61	RES,CHIP	33K	2%	1/10W	R409	1-208-534-61	RES,CHIP	100K	2%	1/10W
R303	1-208-534-61	RES,CHIP	100K	2%	1/10W	R410	1-208-534-61	RES,CHIP	100K	2%	1/10W
R304	1-208-526-61	RES,CHIP	47K	2%	1/10W	R411	1-216-661-11	METAL CHIP	2.7K	0.5%	1/10W
R305	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R412	1-208-462-61	RES,CHIP	10K	2%	1/10W
R306	1-208-437-61	RES,CHIP	1K	2%	1/10W	R413	1-208-810-11	RES,CHIP	15K	2%	1/10W
R307	1-208-437-61	RES,CHIP	1K	2%	1/10W	R414	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R308	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R415	1-208-462-61	RES,CHIP	10K	2%	1/10W
R309	1-208-534-61	RES,CHIP	100K	2%	1/10W	R416	1-208-462-61	RES,CHIP	10K	2%	1/10W
R310	1-208-534-61	RES,CHIP	100K	2%	1/10W	R417	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R311	1-216-661-11	METAL CHIP	2.7K	0.5%	1/10W	R418	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R312	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R419	1-208-462-61	RES,CHIP	10K	2%	1/10W
R313	1-208-810-11	RES,CHIP	15K	2%	1/10W	R420	1-208-462-61	RES,CHIP	10K	2%	1/10W
R314	1-216-677-11	METAL CHIP	12K	0.5%	1/10W	R421	1-208-810-11	RES,CHIP	15K	2%	1/10W
R315	1-208-462-61	RES,CHIP	10K	2%	1/10W	R422	1-208-462-61	RES,CHIP	10K	2%	1/10W
R316	1-208-462-61	RES,CHIP	10K	2%	1/10W	R423	1-208-810-11	RES,CHIP	15K	2%	1/10W
R317	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R424	1-208-462-61	RES,CHIP	10K	2%	1/10W
R318	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R425	1-208-810-11	RES,CHIP	15K	2%	1/10W
R319	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R426	1-208-810-11	RES,CHIP	15K	2%	1/10W
R320	1-208-462-61	RES,CHIP	10K	2%	1/10W	R427	1-216-685-11	METAL CHIP	27K	0.5%	1/10W

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
R428	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W	R537	1-211-960-11	RES,CHIP	22	2%	1/10W
R429	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R538	1-208-526-61	RES,CHIP	47K	2%	1/10W
R430	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W	R539	1-208-462-61	RES,CHIP	10K	2%	1/10W
R431	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R540	1-208-462-61	RES,CHIP	10K	2%	1/10W
R433	1-208-810-11	RES,CHIP	15K	2%	1/10W	R541	1-208-462-61	RES,CHIP	10K	2%	1/10W
R434	1-208-810-11	RES,CHIP	15K	2%	1/10W	R542	1-208-462-61	RES,CHIP	10K	2%	1/10W
R436	1-211-960-11	RES,CHIP	22	2%	1/10W	R543	1-208-462-61	RES,CHIP	10K	2%	1/10W
R437	1-211-960-11	RES,CHIP	22	2%	1/10W	R544	1-208-462-61	RES,CHIP	10K	2%	1/10W
R438	1-208-526-61	RES,CHIP	47K	2%	1/10W	R545	1-208-462-61	RES,CHIP	10K	2%	1/10W
R439	1-208-462-61	RES,CHIP	10K	2%	1/10W	R546	1-208-462-61	RES,CHIP	10K	2%	1/10W
R440	1-208-462-61	RES,CHIP	10K	2%	1/10W	R547	1-208-462-61	RES,CHIP	10K	2%	1/10W
R441	1-208-462-61	RES,CHIP	10K	2%	1/10W	R548	1-208-462-61	RES,CHIP	10K	2%	1/10W
R442	1-208-462-61	RES,CHIP	10K	2%	1/10W	R549	1-208-534-61	RES,CHIP	100K	2%	1/10W
R443	1-208-462-61	RES,CHIP	10K	2%	1/10W	R550	1-208-784-11	RES,CHIP	1.2K	2%	1/10W
R444	1-208-462-61	RES,CHIP	10K	2%	1/10W	R551	1-208-441-61	RES,CHIP	1.5K	2%	1/10W
R445	1-208-462-61	RES,CHIP	10K	2%	1/10W	R552	1-208-462-61	RES,CHIP	10K	2%	1/10W
R446	1-208-462-61	RES,CHIP	10K	2%	1/10W	R553	1-208-774-11	RES,CHIP	470	2%	1/10W
R447	1-208-462-61	RES,CHIP	10K	2%	1/10W	R554	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R448	1-208-462-61	RES,CHIP	10K	2%	1/10W	R559	1-208-437-61	RES,CHIP	1K	2%	1/10W
R449	1-208-534-61	RES,CHIP	100K	2%	1/10W	R560	1-208-437-61	RES,CHIP	1K	2%	1/10W
R450	1-208-784-11	RES,CHIP	1.2K	2%	1/10W	R602	1-208-522-61	RES,CHIP	33K	2%	1/10W
R451	1-208-441-61	RES,CHIP	1.5K	2%	1/10W	R603	1-208-534-61	RES,CHIP	100K	2%	1/10W
R452	1-208-462-61	RES,CHIP	10K	2%	1/10W	R604	1-208-526-61	RES,CHIP	47K	2%	1/10W
R453	1-208-774-11	RES,CHIP	470	2%	1/10W	R605	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R454	1-216-619-11	METAL CHIP	47	0.5%	1/10W	R606	1-208-437-61	RES,CHIP	1K	2%	1/10W
R459	1-208-437-61	RES,CHIP	1K	2%	1/10W	R607	1-208-437-61	RES,CHIP	1K	2%	1/10W
R460	1-208-437-61	RES,CHIP	1K	2%	1/10W	R608	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R502	1-208-522-61	RES,CHIP	33K	2%	1/10W	R609	1-208-534-61	RES,CHIP	100K	2%	1/10W
R503	1-208-534-61	RES,CHIP	100K	2%	1/10W	R610	1-208-534-61	RES,CHIP	100K	2%	1/10W
R504	1-208-526-61	RES,CHIP	47K	2%	1/10W	R611	1-216-661-11	METAL CHIP	2.7K	0.5%	1/10W
R505	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R612	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R506	1-208-437-61	RES,CHIP	1K	2%	1/10W	R613	1-208-810-11	RES,CHIP	15K	2%	1/10W
R507	1-208-437-61	RES,CHIP	1K	2%	1/10W	R614	1-216-677-11	METAL CHIP	12K	0.5%	1/10W
R508	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R615	1-208-462-61	RES,CHIP	10K	2%	1/10W
R509	1-208-534-61	RES,CHIP	100K	2%	1/10W	R616	1-208-462-61	RES,CHIP	10K	2%	1/10W
R510	1-208-534-61	RES,CHIP	100K	2%	1/10W	R617	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R511	1-216-661-11	METAL CHIP	2.7K	0.5%	1/10W	R618	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W
R512	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R619	1-208-453-61	RES,CHIP	4.7K	2%	1/10W
R513	1-208-810-11	RES,CHIP	15K	2%	1/10W	R620	1-208-462-61	RES,CHIP	10K	2%	1/10W
R514	1-216-677-11	METAL CHIP	12K	0.5%	1/10W	R621	1-208-810-11	RES,CHIP	15K	2%	1/10W
R515	1-208-462-61	RES,CHIP	10K	2%	1/10W	R622	1-208-462-61	RES,CHIP	10K	2%	1/10W
R516	1-208-462-61	RES,CHIP	10K	2%	1/10W	R623	1-208-810-11	RES,CHIP	15K	2%	1/10W
R517	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R624	1-208-462-61	RES,CHIP	10K	2%	1/10W
R518	1-216-659-11	METAL CHIP	2.2K	0.5%	1/10W	R625	1-208-810-11	RES,CHIP	15K	2%	1/10W
R519	1-208-453-61	RES,CHIP	4.7K	2%	1/10W	R626	1-208-810-11	RES,CHIP	15K	2%	1/10W
R520	1-208-462-61	RES,CHIP	10K	2%	1/10W	R627	1-216-685-11	METAL CHIP	27K	0.5%	1/10W
R521	1-208-810-11	RES,CHIP	15K	2%	1/10W	R628	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R522	1-208-462-61	RES,CHIP	10K	2%	1/10W	R629	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R523	1-208-810-11	RES,CHIP	15K	2%	1/10W	R630	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W
R524	1-208-462-61	RES,CHIP	10K	2%	1/10W	R631	1-208-457-11	RES,CHIP	6.2K	2%	1/10W
R525	1-208-810-11	RES,CHIP	15K	2%	1/10W	R633	1-208-810-11	RES,CHIP	15K	2%	1/10W
R526	1-208-810-11	RES,CHIP	15K	2%	1/10W	R634	1-208-810-11	RES,CHIP	15K	2%	1/10W
R527	1-216-685-11	METAL CHIP	27K	0.5%	1/10W	R636	1-211-960-11	RES,CHIP	22	2%	1/10W
R528	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W	R637	1-211-960-11	RES,CHIP	22	2%	1/10W
R529	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R638	1-208-526-61	RES,CHIP	47K	2%	1/10W
R530	1-216-657-11	METAL CHIP	1.8K	0.5%	1/10W	R639	1-208-462-61	RES,CHIP	10K	2%	1/10W
R531	1-208-457-11	RES,CHIP	6.2K	2%	1/10W	R640	1-208-462-61	RES,CHIP	10K	2%	1/10W
R533	1-208-810-11	RES,CHIP	15K	2%	1/10W	R641	1-208-462-61	RES,CHIP	10K	2%	1/10W
R534	1-208-810-11	RES,CHIP	15K	2%	1/10W	R642	1-208-462-61	RES,CHIP	10K	2%	1/10W
R536	1-211-960-11	RES,CHIP	22	2%	1/10W	R643	1-208-462-61	RES,CHIP	10K	2%	1/10W

MN-IN

Ref. No.	Part No.	Description	Remarks
R644	1-208-462-61	RES,CHIP	10K 2% 1/10W
R645	1-208-462-61	RES,CHIP	10K 2% 1/10W
R646	1-208-462-61	RES,CHIP	10K 2% 1/10W
R647	1-208-462-61	RES,CHIP	10K 2% 1/10W
R648	1-208-462-61	RES,CHIP	10K 2% 1/10W
R649	1-208-534-61	RES,CHIP	100K 2% 1/10W
R650	1-208-784-11	RES,CHIP	1.2K 2% 1/10W
R651	1-208-441-61	RES,CHIP	1.5K 2% 1/10W
R652	1-208-462-61	RES,CHIP	10K 2% 1/10W
R653	1-208-774-11	RES,CHIP	470 2% 1/10W
R654	1-216-619-11	METAL CHIP	47 0.5% 1/10W
R659	1-208-437-61	RES,CHIP	1K 2% 1/10W
R660	1-208-437-61	RES,CHIP	1K 2% 1/10W
R702	1-208-522-61	RES,CHIP	33K 2% 1/10W
R703	1-208-534-61	RES,CHIP	100K 2% 1/10W
R704	1-208-526-61	RES,CHIP	47K 2% 1/10W
R705	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R706	1-208-437-61	RES,CHIP	1K 2% 1/10W
R707	1-208-437-61	RES,CHIP	1K 2% 1/10W
R708	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R709	1-208-534-61	RES,CHIP	100K 2% 1/10W
R710	1-208-534-61	RES,CHIP	100K 2% 1/10W
R711	1-216-661-11	METAL CHIP	2.7K 0.5% 1/10W
R712	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R713	1-208-810-11	RES,CHIP	15K 2% 1/10W
R714	1-216-677-11	METAL CHIP	12K 0.5% 1/10W
R715	1-208-462-61	RES,CHIP	10K 2% 1/10W
R716	1-208-462-61	RES,CHIP	10K 2% 1/10W
R717	1-216-659-11	METAL CHIP	2.2K 0.5% 1/10W
R718	1-216-659-11	METAL CHIP	2.2K 0.5% 1/10W
R719	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R720	1-208-462-61	RES,CHIP	10K 2% 1/10W
R721	1-208-810-11	RES,CHIP	15K 2% 1/10W
R722	1-208-462-61	RES,CHIP	10K 2% 1/10W
R723	1-208-810-11	RES,CHIP	15K 2% 1/10W
R724	1-208-462-61	RES,CHIP	10K 2% 1/10W
R725	1-208-810-11	RES,CHIP	15K 2% 1/10W
R726	1-208-810-11	RES,CHIP	15K 2% 1/10W
R727	1-216-685-11	METAL CHIP	27K 0.5% 1/10W
R728	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W
R729	1-208-457-11	RES,CHIP	6.2K 2% 1/10W
R730	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W
R731	1-208-457-11	RES,CHIP	6.2K 2% 1/10W
R733	1-208-810-11	RES,CHIP	15K 2% 1/10W
R734	1-208-810-11	RES,CHIP	15K 2% 1/10W
R736	1-211-960-11	RES,CHIP	22 2% 1/10W
R737	1-211-960-11	RES,CHIP	22 2% 1/10W
R738	1-208-526-61	RES,CHIP	47K 2% 1/10W
R739	1-208-462-61	RES,CHIP	10K 2% 1/10W
R740	1-208-462-61	RES,CHIP	10K 2% 1/10W
R741	1-208-462-61	RES,CHIP	10K 2% 1/10W
R742	1-208-462-61	RES,CHIP	10K 2% 1/10W
R743	1-208-462-61	RES,CHIP	10K 2% 1/10W
R744	1-208-462-61	RES,CHIP	10K 2% 1/10W
R745	1-208-462-61	RES,CHIP	10K 2% 1/10W
R746	1-208-462-61	RES,CHIP	10K 2% 1/10W
R747	1-208-462-61	RES,CHIP	10K 2% 1/10W
R748	1-208-462-61	RES,CHIP	10K 2% 1/10W
R749	1-208-534-61	RES,CHIP	100K 2% 1/10W
R750	1-208-784-11	RES,CHIP	1.2K 2% 1/10W

Ref. No.	Part No.	Description	Remarks
R751	1-208-441-61	RES,CHIP	1.5K 2% 1/10W
R752	1-208-462-61	RES,CHIP	10K 2% 1/10W
R753	1-208-774-11	RES,CHIP	470 2% 1/10W
R754	1-216-619-11	METAL CHIP	47 0.5% 1/10W
R759	1-208-437-61	RES,CHIP	1K 2% 1/10W
R760	1-208-437-61	RES,CHIP	1K 2% 1/10W
R802	1-208-522-61	RES,CHIP	33K 2% 1/10W
R803	1-208-534-61	RES,CHIP	100K 2% 1/10W
R804	1-208-526-61	RES,CHIP	47K 2% 1/10W
R805	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R806	1-208-437-61	RES,CHIP	1K 2% 1/10W
R807	1-208-437-61	RES,CHIP	1K 2% 1/10W
R808	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R809	1-208-534-61	RES,CHIP	100K 2% 1/10W
R810	1-208-534-61	RES,CHIP	100K 2% 1/10W
R811	1-216-661-11	METAL CHIP	2.7K 0.5% 1/10W
R812	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R813	1-208-810-11	RES,CHIP	15K 2% 1/10W
R814	1-216-677-11	METAL CHIP	12K 0.5% 1/10W
R815	1-208-462-61	RES,CHIP	10K 2% 1/10W
R816	1-208-462-61	RES,CHIP	10K 2% 1/10W
R817	1-216-659-11	METAL CHIP	2.2K 0.5% 1/10W
R818	1-216-659-11	METAL CHIP	2.2K 0.5% 1/10W
R819	1-208-453-61	RES,CHIP	4.7K 2% 1/10W
R820	1-208-462-61	RES,CHIP	10K 2% 1/10W
R821	1-208-810-11	RES,CHIP	15K 2% 1/10W
R822	1-208-462-61	RES,CHIP	10K 2% 1/10W
R823	1-208-810-11	RES,CHIP	15K 2% 1/10W
R824	1-208-462-61	RES,CHIP	10K 2% 1/10W
R825	1-208-810-11	RES,CHIP	15K 2% 1/10W
R826	1-208-810-11	RES,CHIP	15K 2% 1/10W
R827	1-216-685-11	METAL CHIP	27K 0.5% 1/10W
R828	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W
R829	1-208-457-11	RES,CHIP	6.2K 2% 1/10W
R830	1-216-657-11	METAL CHIP	1.8K 0.5% 1/10W
R831	1-208-457-11	RES,CHIP	6.2K 2% 1/10W
R833	1-208-810-11	RES,CHIP	15K 2% 1/10W
R834	1-208-810-11	RES,CHIP	15K 2% 1/10W
R836	1-211-960-11	RES,CHIP	22 2% 1/10W
R837	1-211-960-11	RES,CHIP	22 2% 1/10W
R838	1-208-526-61	RES,CHIP	47K 2% 1/10W
R839	1-208-462-61	RES,CHIP	10K 2% 1/10W
R840	1-208-462-61	RES,CHIP	10K 2% 1/10W
R841	1-208-462-61	RES,CHIP	10K 2% 1/10W
R842	1-208-462-61	RES,CHIP	10K 2% 1/10W
R843	1-208-462-61	RES,CHIP	10K 2% 1/10W
R844	1-208-462-61	RES,CHIP	10K 2% 1/10W
R845	1-208-462-61	RES,CHIP	10K 2% 1/10W
R846	1-208-462-61	RES,CHIP	10K 2% 1/10W
R847	1-208-462-61	RES,CHIP	10K 2% 1/10W
R848	1-208-462-61	RES,CHIP	10K 2% 1/10W
R849	1-208-534-61	RES,CHIP	100K 2% 1/10W
R850	1-208-784-11	RES,CHIP	1.2K 2% 1/10W
R851	1-208-441-61	RES,CHIP	1.5K 2% 1/10W
R852	1-208-462-61	RES,CHIP	10K 2% 1/10W
R853	1-208-774-11	RES,CHIP	470 2% 1/10W
R854	1-216-619-11	METAL CHIP	47 0.5% 1/10W
R859	1-208-437-61	RES,CHIP	1K 2% 1/10W
R860	1-208-437-61	RES,CHIP	1K 2% 1/10W
R901	1-208-453-61	RES,CHIP	4.7K 2% 1/10W

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
R902	1-216-635-11	METAL CHIP 220 0.5%	1/10W	RV504	1-225-557-11	RES, VAR 10K(LOW:CH5)	
R903	1-208-526-61	RES,CHIP 47K 2%	1/10W	RV505	1-225-557-11	RES, VAR 10K(HIGH:CH5)	
R904	1-208-774-11	RES,CHIP 470 2%	1/10W	RV506	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH5)	
R905	1-208-774-11	RES,CHIP 470 2%	1/10W	RV508	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH5)	
				RV509	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH5)	
		< VARIABLE RESISTOR >					
RV101	1-225-556-11	RES, VAR 10K(LEVEL:CH1)		RV510	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH5)	
RV102	1-225-557-11	RES, VAR 10K(MID LEVEL:CH1)		RV511	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH5)	
RV103	1-225-559-11	RES, VAR 100K(MID FREQ.:CH1)		RV512	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH5)	
RV104	1-225-557-11	RES, VAR 10K(LOW:CH1)		RV513	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH5)	
RV105	1-225-557-11	RES, VAR 10K(HIGH:CH1)		RV514	1-225-553-11	RES, VAR 5K(PAN:CH5)	
RV106	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH1)		RV601	1-225-556-11	RES, VAR 10K(LEVEL:CH6)	
RV108	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH1)		RV602	1-225-557-11	RES, VAR 10K(MID LEVEL:CH6)	
RV109	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH1)		RV603	1-225-559-11	RES, VAR 100K(MID FREQ.:CH6)	
RV110	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH1)		RV604	1-225-557-11	RES, VAR 10K(LOW:CH6)	
RV111	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH1)		RV605	1-225-557-11	RES, VAR 10K(HIGH:CH6)	
RV112	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH1)		RV606	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH6)	
RV113	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH1)		RV608	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH6)	
RV114	1-225-553-11	RES, VAR 5K(PAN:CH1)		RV609	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH6)	
RV201	1-225-556-11	RES, VAR 10K(LEVEL:CH2)		RV610	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH6)	
RV202	1-225-557-11	RES, VAR 10K(MID LEVEL:CH2)		RV611	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH6)	
RV203	1-225-559-11	RES, VAR 100K(MID FREQ.:CH2)		RV612	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH6)	
RV204	1-225-557-11	RES, VAR 10K(LOW:CH2)		RV613	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH6)	
RV205	1-225-557-11	RES, VAR 10K(HIGH:CH2)		RV614	1-225-553-11	RES, VAR 5K(PAN:CH6)	
RV206	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH2)		RV701	1-225-556-11	RES, VAR 10K(LEVEL:CH7)	
RV208	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH2)		RV702	1-225-557-11	RES, VAR 10K(MID LEVEL:CH7)	
RV209	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH2)		RV703	1-225-559-11	RES, VAR 100K(MID FREQ.:CH7)	
RV210	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH2)		RV704	1-225-557-11	RES, VAR 10K(LOW:CH7)	
RV211	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH2)		RV705	1-225-557-11	RES, VAR 10K(HIGH:CH7)	
RV212	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH2)		RV706	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH7)	
RV213	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH2)		RV708	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH7)	
RV214	1-225-553-11	RES, VAR 5K(PAN:CH2)		RV709	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH7)	
RV301	1-225-556-11	RES, VAR 10K(LEVEL:CH3)		RV710	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH7)	
RV302	1-225-557-11	RES, VAR 10K(MID LEVEL:CH3)		RV711	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH7)	
RV303	1-225-559-11	RES, VAR 100K(MID FREQ.:CH3)		RV712	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH7)	
RV304	1-225-557-11	RES, VAR 10K(LOW:CH3)		RV713	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH7)	
RV305	1-225-557-11	RES, VAR 10K(HIGH:CH3)		RV714	1-225-553-11	RES, VAR 5K(PAN:CH7)	
RV306	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH3)		RV801	1-225-556-11	RES, VAR 10K(LEVEL:CH8)	
RV308	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH3)		RV802	1-225-557-11	RES, VAR 10K(MID LEVEL:CH8)	
RV309	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH3)		RV803	1-225-559-11	RES, VAR 100K(MID FREQ.:CH8)	
RV310	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH3)		RV804	1-225-557-11	RES, VAR 10K(LOW:CH8)	
RV311	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH3)		RV805	1-225-557-11	RES, VAR 10K(HIGH:CH8)	
RV312	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH3)		RV806	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH8)	
RV313	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH3)		RV808	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH8)	
RV314	1-225-553-11	RES, VAR 5K(PAN:CH3)		RV809	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH8)	
RV401	1-225-556-11	RES, VAR 10K(LEVEL:CH4)		RV810	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH8)	
RV402	1-225-557-11	RES, VAR 10K(MID LEVEL:CH4)		RV811	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH8)	
RV403	1-225-559-11	RES, VAR 100K(MID FREQ.:CH4)		RV812	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH8)	
RV404	1-225-557-11	RES, VAR 10K(LOW:CH4)		RV813	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH8)	
RV405	1-225-557-11	RES, VAR 10K(HIGH:CH4)		RV814	1-225-553-11	RES, VAR 5K(PAN:CH8)	
RV406	1-225-553-11	RES, VAR 5K(AUX1-2 PAN:CH4)					
						< SWITCH >	
RV408	1-225-555-11	RES, VAR 50K(AUX3 LEVEL:CH4)		S101	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH1)	
RV409	1-225-555-11	RES, VAR 50K(AUX4 LEVEL:CH4)		S102	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH1)	
RV410	1-225-558-11	RES, VAR 50K(AUX1-2 LEVEL:CH4)		S103	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH1)	
RV411	1-225-558-11	RES, VAR 50K(AUX5/7 LEVEL:CH4)		S104	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH1)	
RV412	1-225-558-11	RES, VAR 50K(AUX6/8 LEVEL:CH4)		S105	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH1)	
RV413	1-225-552-11	RES, VAR, SLIDE 50K(CH FADER:CH4)		S106	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH1)	
RV414	1-225-553-11	RES, VAR 5K(PAN:CH4)		S107	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH1)	
RV501	1-225-556-11	RES, VAR 10K(LEVEL:CH5)		S108	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH1)	
RV502	1-225-557-11	RES, VAR 10K(MID LEVEL:CH5)		S109	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH1)	
RV503	1-225-559-11	RES, VAR 100K(MID FREQ.:CH5)		S110	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH1)	

Ref. No.	Part No.	Description	Remarks
S111	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH1)	
S112	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH1)	
S201	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH2)	
S202	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH2)	
S203	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH2)	
S204	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH2)	
S205	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH2)	
S206	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH2)	
S207	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH2)	
S208	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH2)	
S209	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH2)	
S210	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH2)	
S211	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH2)	
S212	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH2)	
S301	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH3)	
S302	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH3)	
S303	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH3)	
S304	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH3)	
S305	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH3)	
S306	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH3)	
S307	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH3)	
S308	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH3)	
S309	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH3)	
S310	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH3)	
S311	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH3)	
S312	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH3)	
S401	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH4)	
S402	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH4)	
S403	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH4)	
S404	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH4)	
S405	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH4)	
S406	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH4)	
S407	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH4)	
S408	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH4)	
S409	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH4)	
S410	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH4)	
S411	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH4)	
S412	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH4)	
S501	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH5)	
S502	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH5)	
S503	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH5)	
S504	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH5)	
S505	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH5)	
S506	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH5)	
S507	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH5)	
S508	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH5)	
S509	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH5)	
S510	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH5)	
S511	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH5)	
S512	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH5)	
S601	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH6)	
S602	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH6)	
S603	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH6)	
S604	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH6)	
S605	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH6)	
S606	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH6)	
S607	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH6)	
S608	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH6)	
S609	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH6)	
S610	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH6)	

Ref. No.	Part No.	Description	Remarks
S611	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH6)	
S612	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH6)	
S701	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH7)	
S702	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH7)	
S703	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH7)	
S704	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH7)	
S705	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH7)	
S706	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH7)	
S707	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH7)	
S708	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH7)	
S709	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH7)	
S710	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH7)	
S711	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH7)	
S712	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH7)	
S801	1-554-118-00	SWITCH, PUSH (1 KEY)(TAPE:CH8)	
S802	1-554-118-00	SWITCH, PUSH (1 KEY)(LCF:CH8)	
S803	1-554-118-00	SWITCH, PUSH (1 KEY)(ON:CH8)	
S804	1-554-118-00	SWITCH, PUSH (1 KEY)(MONI:CH8)	
S805	1-554-118-00	SWITCH, PUSH (1 KEY)(AUX7/8:CH8)	
S806	1-554-118-00	SWITCH, PUSH (1 KEY)(PFL:CH8)	
S807	1-554-118-00	SWITCH, PUSH (1 KEY)(L-R:CH8)	
S808	1-554-118-00	SWITCH, PUSH (1 KEY)(1-2:CH8)	
S809	1-554-118-00	SWITCH, PUSH (1 KEY)(3-4:CH8)	
S810	1-554-118-00	SWITCH, PUSH (1 KEY)(5-6:CH8)	
S811	1-554-118-00	SWITCH, PUSH (1 KEY)(7-8:CH8)	
S812	1-554-118-00	SWITCH, PUSH (1 KEY)(DIRECT:CH8)	

MISCELLANEOUS			

△ 4	1-431-692-21	TRANSFORMER, POWER(E,US)	
△ 4	1-431-820-11	TRANSFORMER, POWER(J)	
△ 4	1-431-821-11	TRANSFORMER, POWER(AEP)	
△ 5	1-431-631-11	TRANSFORMER, POWER(J)	
△ 5	1-431-672-11	TRANSFORMER, POWER(AEP)	
△ 7	1-762-876-11	SWITCH, AC POWER(POWER)	
10	1-777-555-21	WIRE (FLAT TYPE) (7 CORE)	
△ 13	1-574-902-11	CORD, POWER(J)	
△ 13	1-575-912-11	CORD, POWER(AEP)	
△ 13	1-590-771-11	CORD, POWER(E,US)	
51	1-765-073-11	WIRE (FLAT TYPE) (19 CORE)	
53	1-773-215-11	WIRE (FLAT TYPE) (25 CORE)	
63	1-773-008-11	WIRE (FLAT TYPE) (15 CORE)	
64	1-769-324-11	WIRE (FLAT TYPE) (12 CORE)	
65	1-773-117-11	WIRE (FLAT TYPE) (19 CORE)	
67	1-769-961-11	WIRE (FLAT TYPE) (11 CORE)	
68	1-773-133-11	WIRE (FLAT TYPE) (19 CORE)	
69	1-773-014-11	WIRE (FLAT TYPE) (15 CORE)	

△印の部品、または△印付の点線で囲まれた部品は、安全性を維持するために、重要な部品です。従って交換時は、必ず指定の部品を使用して下さい。

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remarks
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ACCESSORIES & PACKING MATERIALS

	2-344-393-21	INSTRUCTION (WARNING)(E)	
	2-346-297-01	MANUAL, INSTRUCTION(JAPANESE)(J)	
	2-346-297-11	MANUAL, INSTRUCTION(ENGLISH)(E, AEP)	

HARDWARE LIST

#1	7-685-872-09	SCREW +BVTT 3X8 (S)
#2	7-685-870-09	SCREW +BVTT 3X5 (S)
#3	7-682-652-09	SCREW +PS 3X16
#4	7-682-551-09	SCREW +B 3X14
#5	7-682-547-09	SCREW +P 3X6
#6	7-621-772-50	SCREW +B 2X10
#7	7-688-001-01	W 2, SMALL
#8	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT

SRP-V110

SONY[®] SERVICE MANUAL

AEP Model
8876

SUPPLEMENT .

File this supplement with the Service Manual (9-977-964-01).

In order to conform to the Safety Standard EN60065:1998, the PTC thermistor that are the mounted parts are changed to the approved parts.

Use the new parts when repairing the products of all serial numbers.

Do not use the old parts that are not approved.

Serial number: 400001 - 401290

	Ref. No.	Old parts No.	New parts No.
PS MOUNT A-4591-426-A	THP301	1-801-454-11	1-803-988-11
	THP303	1-806-884-11	1-804-046-11

Serial number: 401291 - 401320 , 500001 and higher

	Ref. No.	Parts No.
PS MOUNT A-4591-426-A	THP301	1-803-988-11
	THP303	1-804-046-11